

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

Fee

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

7. UNIT AGREEMENT NAME

8. TYPE OF WELL

Oil Well ☐

Gas Well ☒

OTHER

Single Zone ☐

Multiple Zone ☒

8. FARM OR LEASE NAME

2. Name of Operator

Ranken Energy Corp

9. WELL NO.

Ranken Energy DWR 12-22

3. Address of Operator

601 North Kelly, Suite 103, Edmond OK, 73003

405-340-2360

10. FIELD OR LEASE NAME

4. Location of Well (Report location clearly and in accordance with any State requirement)

At surface

2,400' FSL, 383' FWL

NW/SW

6412, 501 E
4402, 068 N

11. Sec., T., R., M., OR BLK

AND SURVEY OR AREA

Sec. 22, T12S, R23E

At proposed prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

15. Distance from proposed location to nearest Property or lease line ft.

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

(Also to nearest drlg. Unit line, if any)

2,300'

9,500

40

18. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING COMPLETED.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

OR APPLIED FOR, ON THIS LEASE, FT.

4,500'

6,200'

Rotary

21. ELEVATION (SHOW WHETHER DF. RT, GR, etc.)

5,733'

22. APPROX. DATE WORK WILL START

7/1/99

23

PROPOSED CASING AND CEMENT PROGRAM

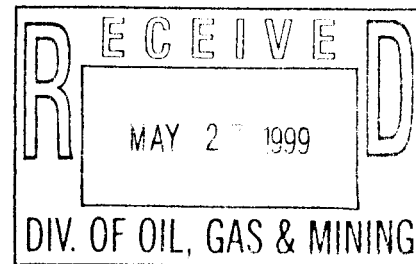
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	To Surface
7 7/8	5 1/2	15.5	T.D.	Cement top to cover the oil shale

Operator requests permission to drill the subject well.

Please see the attached 10 Point and 13 Point Surface Use Plane.

If you require additional information please contact:

William Ryan
350 S., 800 E.
Vernal, Utah
435-789-0968



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24

SIGNATURE

William Ryan

TITLE

Agent

DATE

May 15, 1999

(This space for Federal or State Office use)

PERMIT NO.

43-047-33345

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

BRADLEY G. HILL
RECLAMATION SPECIALIST III

DATE

7/12/99

*See Instructions on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T12S, R23E, S.L.B.&M.

RANKEN ENERGY CORP.

Well location, DWR #12-22, located as shown in the NW 1/4 SW 1/4 of Section 22, T12S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 16, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE. QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5994 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 5-18-99 D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-8-99	DATE DRAWN: 5-12-99
PARTY J.F. J.J. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE RANKEN ENERGY CORP.	

1922 Brass Cap
1.0' High, Cedar
Post, Set Stone

N89°58'W - 79.94 (G.L.O.)

N00°02'20"W 2637.97' (Meas.)

USA
(B.L.M.)

USA
(B.L.M.)

COUNTY

ROAD

WELL

KINGS

STATE OF UTAH
DNR
DEPT OF WILDLIFE
RESOURCES
HYDROCARBON NO. 11
160 AC

STATE OF UTAH
DNR
DEPT OF WILDLIFE
RESOURCES
HYDROCARBON NO. 12
160 AC

NOTE:
BASIS OF BEARINGS IS THE EAST LINE
OF THE NE 1/4 OF SECTION 16, T12S,
R23E, S.L.B.&M. WHICH IS ASSUMED
FROM G.L.O. INFORMATION TO BEAR
N0°08'W.

1922 Brass
Cap, 1.5' High

STATE OF UTAH
DNR
DEPT OF WILDLIFE
RESOURCES
HYDROCARBON NO. 4
160 AC

DWR #12-22
Elev. Ungraded Ground = 5733'

STATE OF UTAH
DNR
DEPT OF WILDLIFE
RESOURCES
HYDROCARBON NO. 5
160 AC

N074°32'W 2641.90' (Meas.)

383'
2428.58'
2400' (Comp.)

STATE OF UTAH
DNR
DEPT OF WILDLIFE
RESOURCES
HYDROCARBON NO. 6
160 AC

1922
Brass Cap,
1.5' High,
Pile of
Stones

N89°54'W - (G.L.O.)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°45'30"
LONGITUDE = 109°20'12"

Office (435) 789-0968
Cellular (435) 828-0968

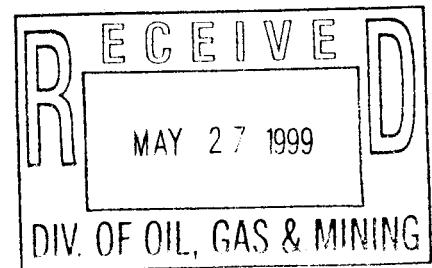


350 S. 800 E.
Vernal, UT 84078

May 21, 1999

Re: Well DWR 12-22
NW/SW, Sec. 22, T12S, R23E
Lease Fee

Utah Division of Oil Gas and Mining
1594 West North Temple
Suite 1210
P.O. Box 145801
Salt Lake City UT, 84114-5801



Dear Sirs:

Ranken Energy Corporation respectfully requests a spacing exception for the subject well. The well has been moved from the center of the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$.

The well is located 2,400' FSL, 383' FWL in Sec. 22, T12S, R23E.

The location was moved due to topographic considerations, major drainage and access conditions. Please see the attached maps.

A 460' radius around the proposed location is within the Fee lease . Please see the attached map.

If you have additional questions please contact me.

Sincerely

A handwritten signature in cursive script that reads "William A. Ryan". The signature is written in dark ink and is positioned above the printed name.

William (Bill) Ryan
Agent

SELF-CERTIFICATION STATEMENT

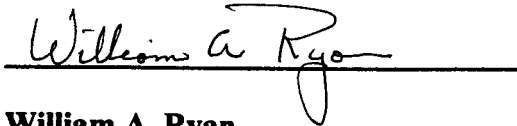
Please be advised that Ranken Energy Corp. are considered to be the operator of the following well.

Ranken Energy DWR 12-22
NW 1/4, SW 1/4, Section 22, T12S, R23E
Lease Fee
Uintah County, Utah

Ranken Energy Corp. is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond N 6258 provides state wide bond coverage on all ~~Fee~~ and State Lands.

#135671 (\$80,000) Frontier Ins. Co. "Fee" minerals.



William A. Ryan
Agent
Rocky Mountain Consulting
350 S. 800 E.
Vernal UT 84078
435-789-0968 Office
435-828-0968 Cell
435-789-0970 Fax

Ten Point Plan

Ranken Energy Corp

Ranken Energy DWR 12-22

Surface Location NW ¼, SW ¼, Section 22, T12S, R23E

1. Surface Formation:

Green River

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	+5,613' G.L.
Oil Shale	300	+5,213
Wasatch	1,820	+3,793
Mesaverda formation	3,370	+2,243
T.D.	6,200	- 587

3. Producing Formation Depth:

Formation objective includes both the Wasatch and Mesaverda and their sub-members.

Off Set Well Information:

Off set well: None

4. Proposed Casing:

<u>Hole</u> <u>Size</u>	<u>Casing Grade</u> <u>Size</u> <u>Weight/Ft.</u>	<u>Setting</u> <u>& Tread</u>	<u>Casing</u> <u>Depth</u>	<u>New/Used</u>
12 1/4	9 5/8 36	J-55/STC	300	New
7 7/8	5 1/2 15.5	J-55/LTC	T.D.	New

Cement Program:

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
9 5/8	Premium Plus 2% Calcium Chloride .25 lb/sk. Cello Flake	175 sks. +/-	1.19 cu. ft./sk.	15.6 lbs./gal.
5 1/2 Lead.	HLC Lead 1% ECONOLITE .25 lb/sk Flocele 6% Halliburton Gel 2% MicroBond 3% Salt	320 sks. +/-	1.96 cu. ft./sk.	12.55 lbs./gal.
Tail	Premium Plus .3% CFR-3 .25 lb/sk Flocele .5% HALAD-9 2% Halliburton Gel 2% MicroBond .2% Super CBL	470 sks. +/-	1.44 cu. ft./sk.	14.50 lbs./gal.

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-300	Air/Clear Water	----	No Control	Water/Gel
300-1,800	Clear Water	----	No Control	Water/Gel
1,800-T.D.	8.4-8.6	30	8-10	Water/Gel

7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 1,800' to T.D.
- d) Logging:

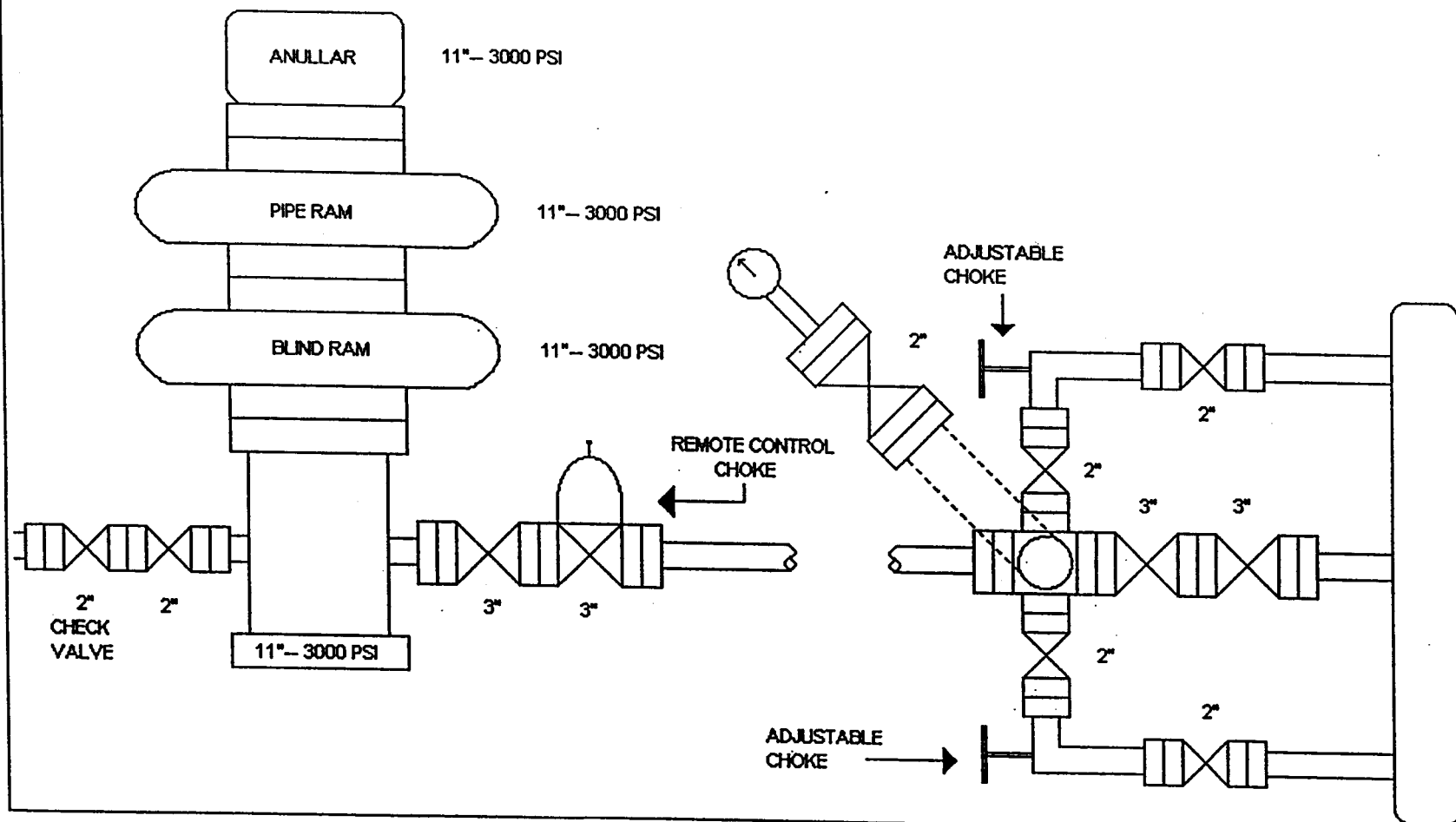
Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch and Mesaverda Formation. Other wells drilled in the area have not encountered over pressured zones or H₂S.

10. Drilling Schedule:

The anticipated starting date is July 1, 1999. Duration of operations expected to be 30 days.



RANKEN ENERGY CORP.
13 POINT SURFACE USE PLAN
FOR WELL
RANKEN ENERGY DWR 12-22
LOCATED IN
NW 1/4, SW 1/4
SECTION 22, T. 12 S., R. 23 E., U.S.B.&M.
UINTAH COUNTY, UTAH
LEASE NUMBER: FEE
SURFACE OWNERSHIP:
STATE OF UTAH
DIVISION OF WILDLIFE RESOURCES

1. Existing Roads

To reach the **Ranken Energy Corp well DWR 12-22, in Section 22, T12S, R23E**, from Bonanza, Utah:

Starting in Bonanza, Utah proceed south on the paved road for 4 miles. Turn south (left) on the Book Cliffs road (dirt road). Proceed south 3.9 miles to the Greeks Corrals. Turn west (right) at the fork in the road. Proceed 8.3 miles to the Asphalt Wash sign. Stay to the south (left) of the sign. Proceed .7 miles to the Rainbow sign. Stay to the west (right) of the sign. This is also called the Kings Wells road. Proceed 7.8 miles to the fork in the road. Turn south (left). Proceed 4.1 miles. The proposed access road will start at this point.

All existing roads to the proposed location are State or County Class D roads.

Please see the attached map for additional details.

2. Planned access road

The proposed location will require approximately **800 feet of new road** construction.

The road will be built to the following standards:

A) Approximate length	800	Ft.
B) Right of Way width	30	Ft.
C) Running surface	18	Ft.

D) Surfacing material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road flagged	Yes
K) Access road surface ownership	

State of Utah, Division of Wildlife Resources

L) All new construction on lease	Yes
M) Pipe line crossing	None

Please see the attached location plat for additional details.

A right of way will be required for the access road. A right-of-way application for both the location and road has been made to the Division of Wildlife Resources.

3. Location of existing wells

The following wells are located within a one mile radius of the location site.

A) Producing well	None
B) Water well	None
C) Abandoned well	None
D) Temp. abandoned well	None
E) Disposal well	None
F) Drilling/Permitted well	None
G) Shut in wells	None
H) Injection well	None
I) Monitoring or observation well	None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities, and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Juniper Green** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Juniper Green**.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

If the well is capable of economic production a surface gas line will be required.

A proposed line will be constructed from the subject well to an existing riser in Sec. 21, T12S, R23E

Approximately 7,000' of 2" or 4" gathering line would be constructed on Division of Wildlife Resources lands.

Please see the attached location diagrams and map for pipeline location. The Operator proposes to place the line on the surface. The Operator has considered the alternative of tie into the 10" buried pipeline next to the location. Due to the increased safety risk of hot tapping a buried pipeline out ways the

cost of installing 2,300' of pipeline. The Operator also considered burring the gathering line. The need to maintain a stand off from the existing 10" pipeline would increase the area of surface disturbance and the visual impacts will be increased.

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing the subject well will be pumped from Bitter Creek in Sec. 28, T12S, R23E. Permit # T72132. A temporary surface fiberglass line will be used to pump the water from Bitter Creek to the location. A gas fired pump will be placed at the take out point on Bitter Creek. A second location may be used. It would be Evacuation Creek permit # 49-1595. The Evacuation Creek distribution point is in Section 7, T11S, R25E. Water for completion will come from the same supply or Vernal City.

Water may be used from two existing test wells next to Bitter Creek. The wells are adjacent to the water take out point. Water quality tests will have to be performed before the water can be used.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will not be lined unless the pit is blasted or soil conditions would warrant a pit liner.

The reserve pit will not be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day

period an application for approval for a permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout and location.

The proposed location has been staked at 2,400' FSL, 383' FWL. The location has been moved out side the normal drilling window spacing due to the operators attempt to remain off steep slopes.

Well-site layout

Location dimensions are as follow:

A) Pad length 325 ft.

B) Pad width	155 ft.
C) Pit depth	10 ft.
D) Pit length	180 ft.
E) Pit width	25 ft.
F) Max cut	7.6 ft.
G) Max fill	9.3 ft.
H) Total cut yds.	7,700 cu. yds.
I) Pit location	east side
J) Top soil location	north end
K) Access road location	north end
L) Flare pit	corner B

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately 1,000 cubic yards of material. **Topsoil will be stockpiled in one distinct pile.** Placement of the topsoil is noted on the attached location plat. **The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed.** When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. **The pit area will be seeded when the soil has been spread.** The unused portion of the location (the area outside the dead men) will be recontoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

10. Plans for restoration of the surface

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rain fall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when the top soil is stock piled and when reclamation work is performed.

The seed mix and quantity required will be provided by the Division of Wildlife Resources.

B) Seed Mix

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

11. Surface ownership:

Access road	State of Utah Division of Wildlife Resources
Location	State of Utah Division of Wildlife Resources
Pipeline	State of Utah Division of Wildlife Resources

12. Other information

A) Vegetation:

The vegetation coverage is slight. The majority of the existing vegetation consists of sage brush. Rabbit brush, bitter brush and Indian rice grass are also found on the location.

B) Dwellings:

There are no dwellings or other facilities within a one mile radius of the location.

C) Archeology and Paleontology :

The location has not been surveyed. The surveys have been scheduled and copy of the surveys will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would effect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the Bitter Creek 1 mile west of the location.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without the Division of Wildlife Resources approval.

F) Notification:

The Division of Wildlife Resources and the Division of Oil and Gas will be notified as follows.

- a) **Location construction**
At least forty eight (48) hours prior to construction of location and access roads
- b) **Location completion**
Prior to moving on the drilling rig.
- c) **Spud notice**
At least twenty-four (24) hours prior to spudding the well.
- d) **Casing string and cementing**
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) **BOP and related equipment tests**
At least twenty-four (24) hours prior to initial pressure tests.
- f) **First production notice**
Within five (5) business days after the new well begins, or production resumes after well has been off production for more than ninety 90 days.
- g) **Completion and work over**
At least twenty-four (24) hours prior to initial pressure test.

Division of Wildlife
Resource 434-789-
3103

Division of Oil, Gas, and
Mining.
801-538-5340 or 435-
722-3417

H) Flare pit:

The flare pit will be located in corner B of the reserve pit out side the pit fence and 100 feet from the bore hole on the **east side of the location**. All fluids will be removed from the pit within 48 hours of occurrence.

3. Lessees or Operator's representative and certification

A) Representative

William A. Ryan

Rocky Mountain Consulting
350 South 800 East
Vernal, Utah 84078

Office	435-789-0968
Fax	435-789-0970
Cellular	435-828-0968

All lease operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

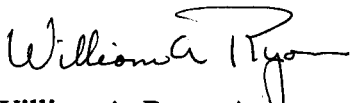
This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and

belief, true and correct, and that the work associated with the operation proposed herein will be performed by **Ranken Energy Corp.** and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date May 21, 1999

A handwritten signature in cursive script, appearing to read "William A. Ryan".

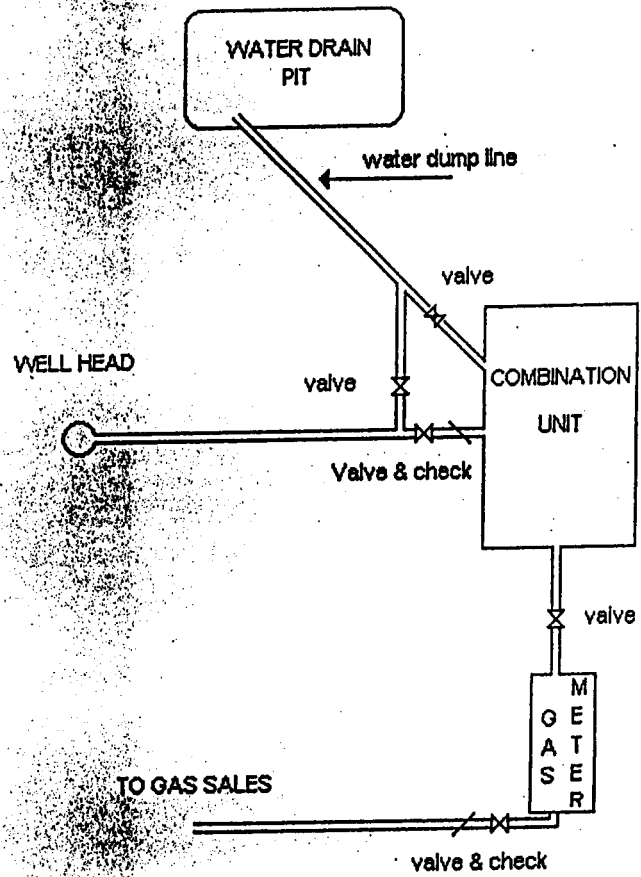
William A. Ryan, Agent
Rocky Mountain Consulting

Onsite Date: .

Ranken Energy

Typical

Gas Well



RANKEN ENERGY CORP.

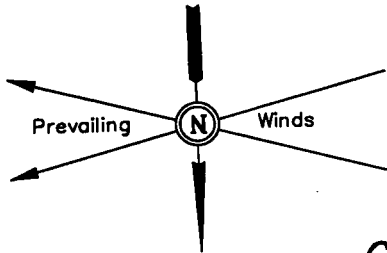
LOCATION LAYOUT FOR

DWR #12-22

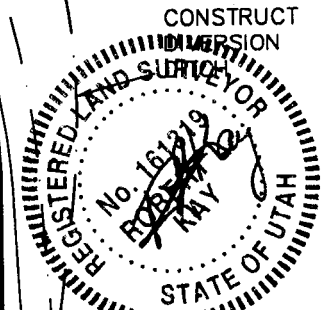
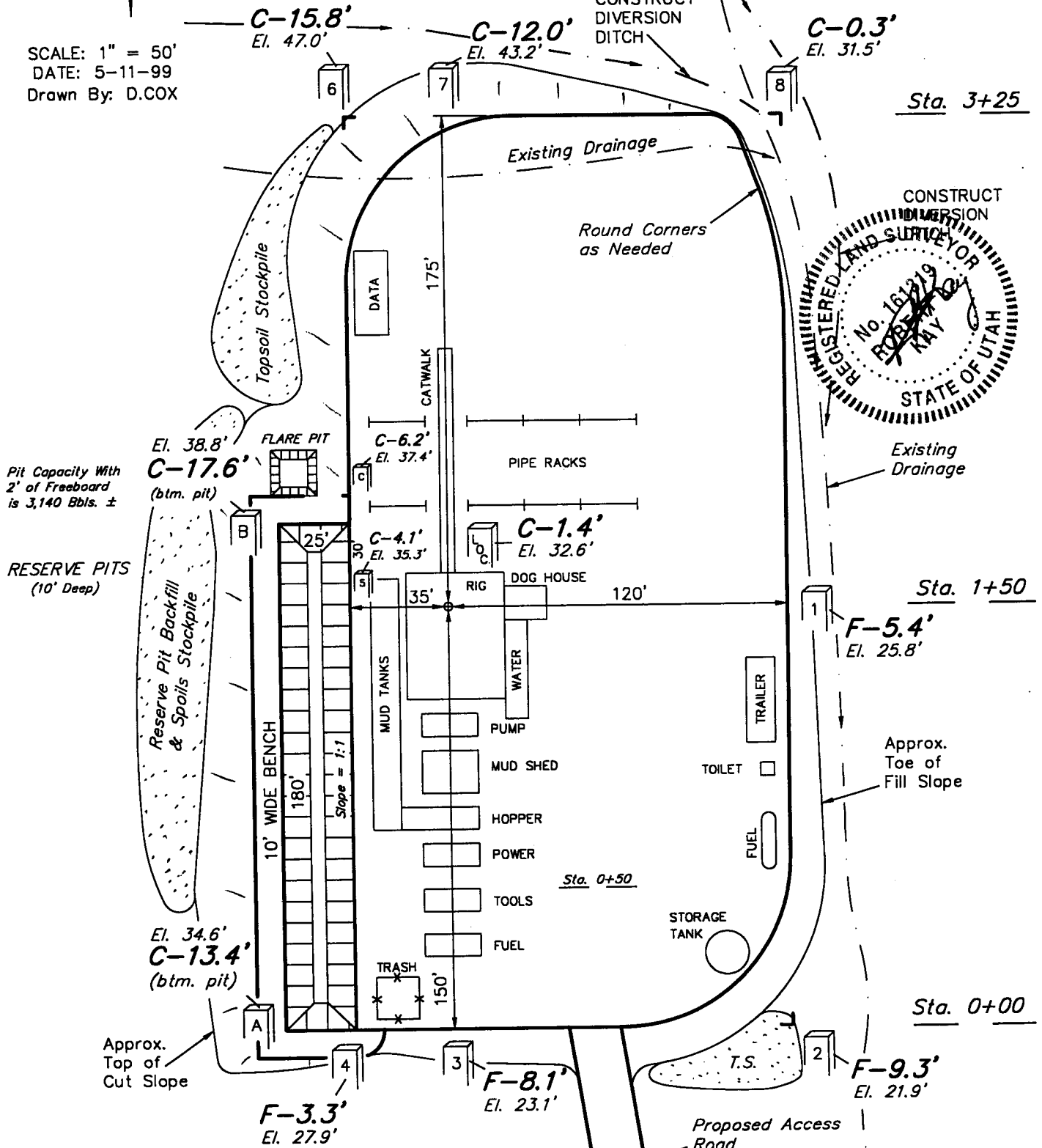
SECTION 22, T12S, R23E, S.L.B.&M.

2400' FSL 383' FWL

CONSTRUCT
DIVERSION
DITCH



SCALE: 1" = 50'
DATE: 5-11-99
Drawn By: D.COX



Elev. Ungraded Ground at Location Stake = 5732.6'
Elev. Graded Ground at Location Stake = 5731.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

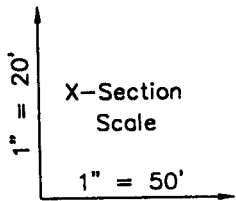
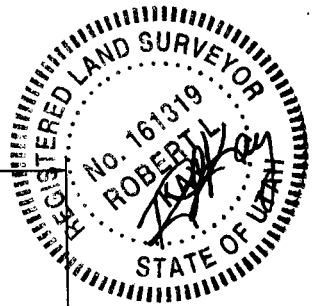
RANKEN ENERGY CORP.

TYPICAL CROSS SECTIONS FOR

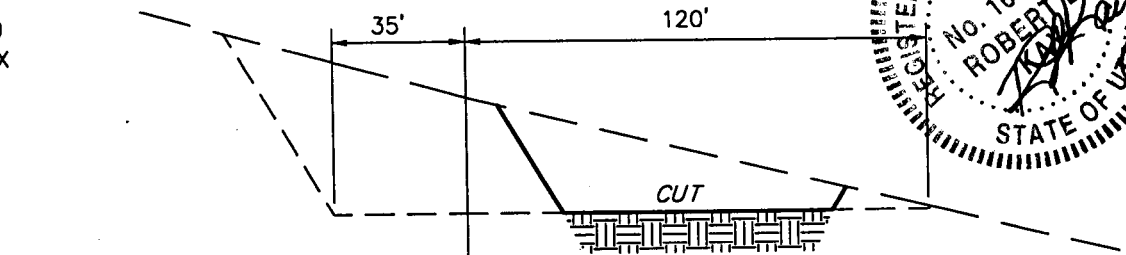
DWR #12-22

SECTION 22, T12S, R23E, S.L.B.&M.

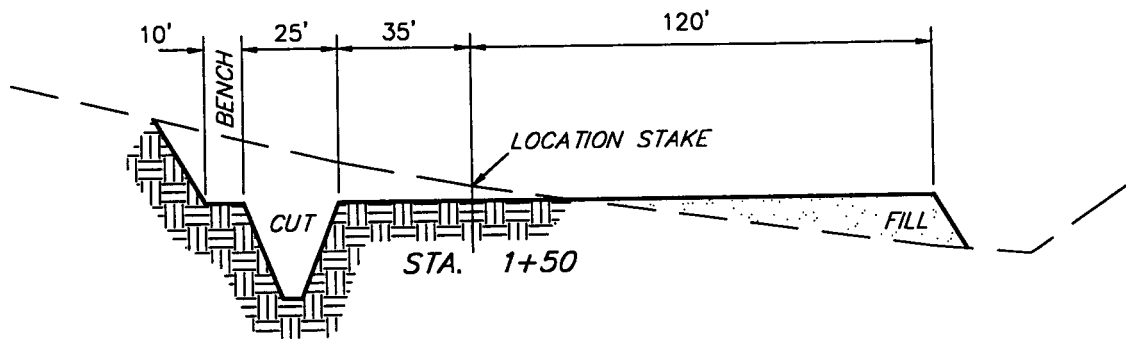
2400' FSL 383' FWL



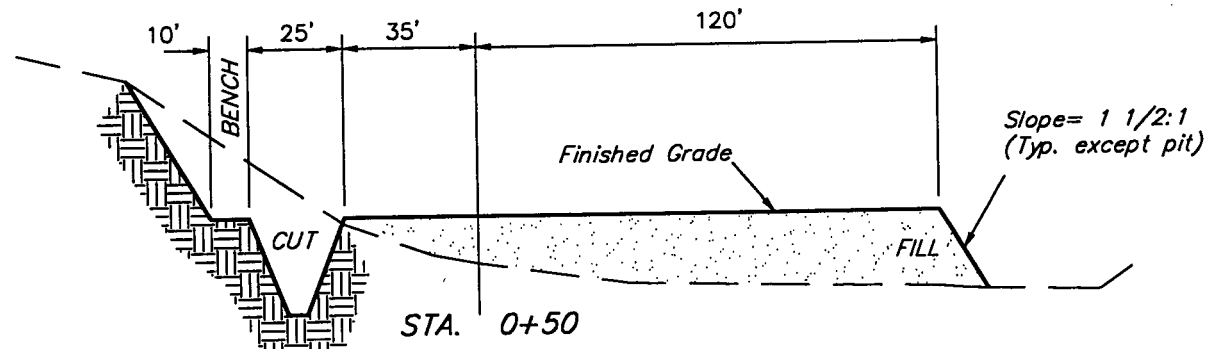
DATE: 5-12-99
Drawn By: D.COX



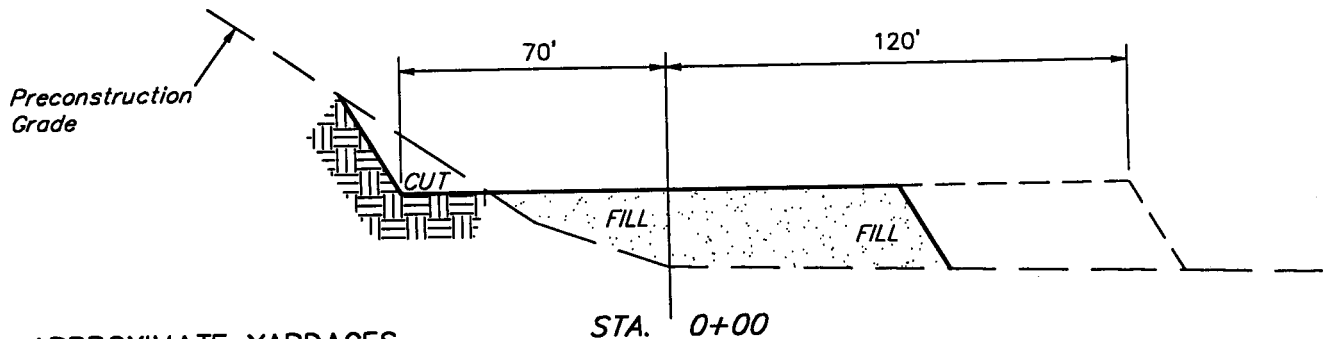
STA. 3+25



STA. 1+50



STA. 0+50



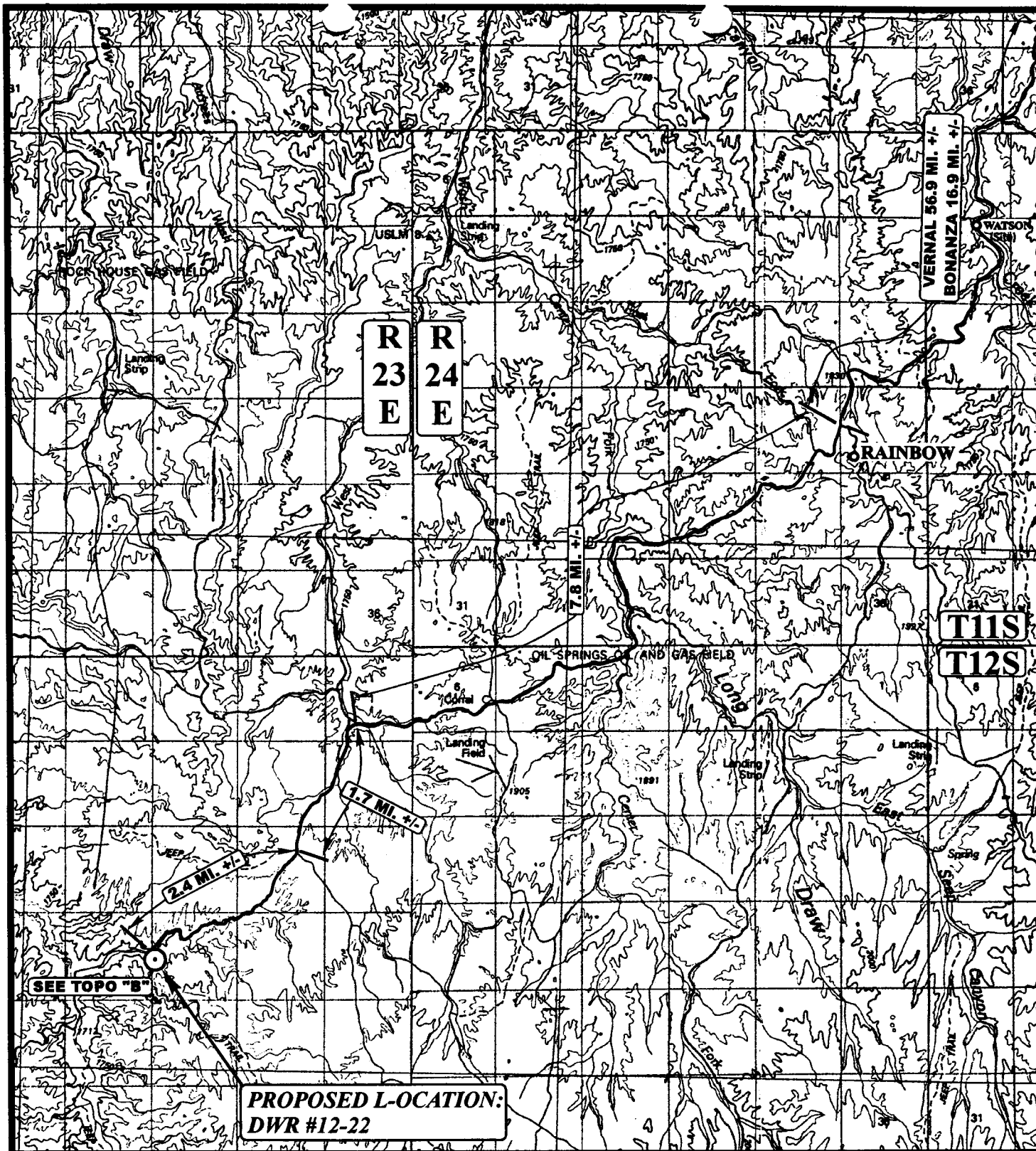
STA. 0+00

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,020 Cu. Yds.
Remaining Location	= 6,680 Cu. Yds.
TOTAL CUT	= 7,700 CU.YDS.
FILL	= 5,740 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,660 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,580 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 80 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION



RANKEN ENERGY CORP.

DWR #12-22

**SECTION 22, T12S, R23E, S.L.B.&M.
2400' FSL 383' FWL**



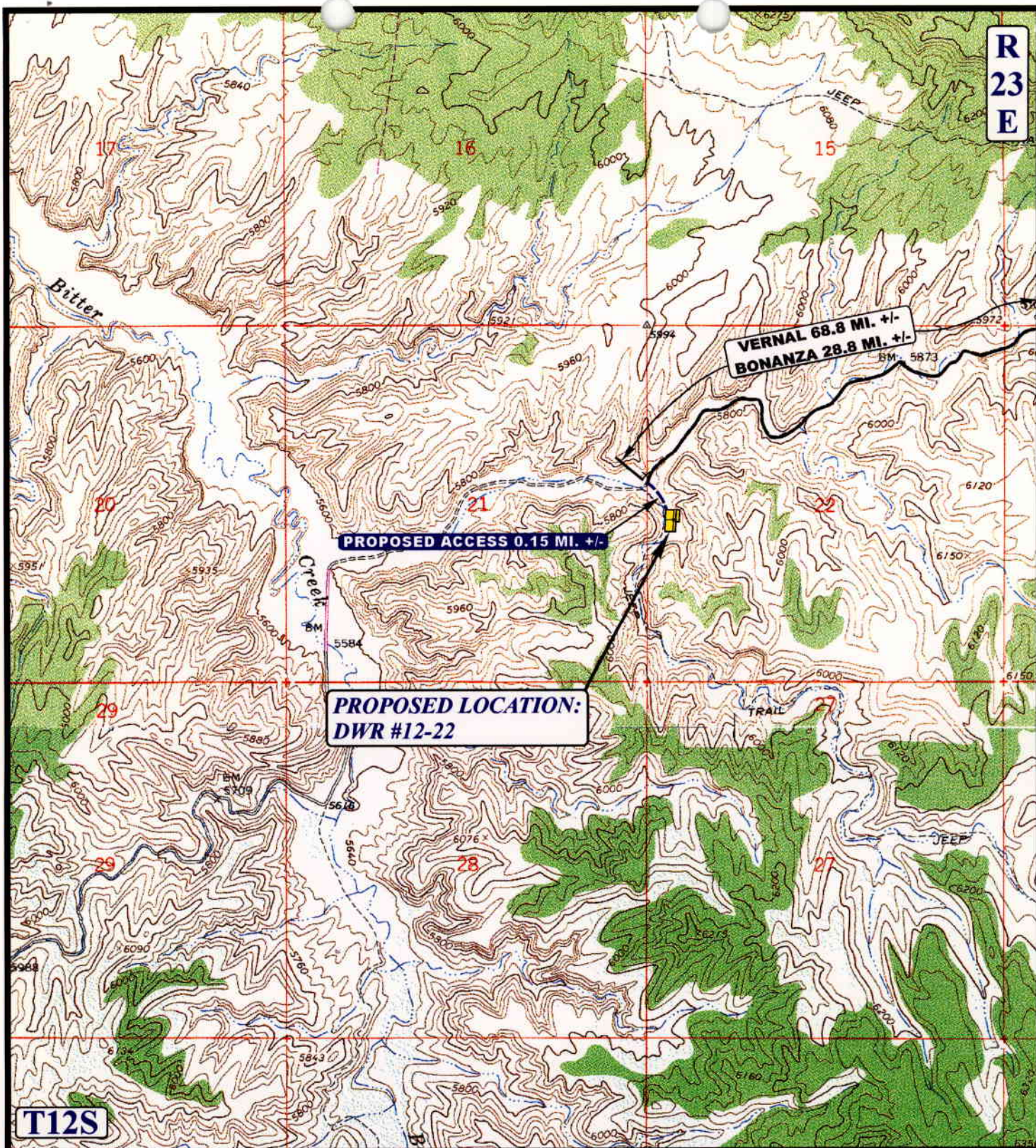
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

5 10 99
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: D.COX REVISED: 00-00-00





LEGEND:

PROPOSED ACCESS ROAD
 EXISTING ROAD

RANKEN ENERGY CORP.

DWR #12-22
SECTION 22, T12S, R23E, S.L.B.&M.
2400' FSL 383' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

5 **10** **99**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00

B
TOPO

UTAH DEPARTMENT OF NATURAL RESOURCES

Utah Division of Wildlife Resources

1596 West North Temple, Salt Lake City, Utah 84116

(801) 538-4700

Application for Right-Of-Way/Lease/Special Use Permit

APPLICANT'S NAME (Company name) AND ADDRESS:

RANKEN ENERGY CORP. 405-340-2363

417 West 18th Street, Suite 101, Edmond OK, 73013-3663

Agent's Address

350S 800E, Vernal Utah, 84078

CONTACT PERSON:

William (Bill) Ryan

Agent, Rocky Mt. Consulting

DAYTIME PHONE NUMBER:

Office 435-789-0968

Cellular 435-828-0968

Application is hereby made for:

☒ **RIGHT-OF-WAY** ☐ **LEASE**

☐ **SPECIAL USE PERMIT**

on the following described Division land(s) for a term of

30 Years

#1 LEGAL DESCRIPTION

County: **Uintah**

Subdivision*	Section	Township	Range	Total acre/ Total distance
Location	22	12S	23E	2.5 Acres
Pipeline	22	12S	23E	7,000'/4.82 Acres
Road	22	12S	23E	792'/.55 Acres

*attach centerline description with width and platted survey if applicable

#2. PROPOSED ACTION (Describe project):

Ranken Energy Corp has the Fee Oil and Gas lease under the surface managed by the Division Ranken Energy proposes drilling a 6,200' deep gas well and installing a surface gas line to to transport the produced gas from the subject well to an existing gas transmission line.

The subject well is named the Ranken Energy DWR 12-22

#3. MAP--Attach a map of the area.

Please see the attached maps

#4 PROJECT PLAN--Attach the project plan [see R657-28-3(1)(d)(ii)]

Please see the attached plan.

I acknowledge that the issuance of a right-of-way/lease/special use permit will be issued in accordance with R657-28

I understand that upon completing this application and providing the required documentation that the Division shall have 30 days to review and to either deny or grant a conditional approval.

I acknowledge that if I receive conditional approval additional documentation may be required by the Division [R657-28-3(4)(a-e)]

I acknowledge that the Division has 60 days from the receiving the additional information requested under R657-28-3(4)(a-e) to review and make a final determination on whether or not the right-of-way/lease/special use permit should be granted or denied.

In the event the right-of-way/lease/special use permit is granted, the Division will issue the right-of-way/lease/special use permit upon payment of the fee set forth in R657-28-6.

I hereby certify that the information for purposed of this application is true and correct to the best of my knowledge and that I am an authorized representative of the above-named applicant.

STATE OF UTAH)	APPLICANT'S SIGNATURE	Agent
)ss.		TITLE
COUNTY OF)		

On the ____ day of _____, 1999, personally appeared before me _____ and who by me being duly sworn did acknowledge that he is an authorized representative of the above-named applicant, and as such, is authorized to make application and hereby bind said applicant to the terms and conditions there to.

NOTARY PUBLIC _____

Residing at:

My commission expires:

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/27/1999

API NO. ASSIGNED: 43-047-33345

WELL NAME: DWR 12-22
OPERATOR: RANKEN ENERGY CORP (N6250)
CONTACT: Bill Ryan (435) 789-0968

PROPOSED LOCATION:

NWSW 22 - T12S - R23E
SURFACE: 2400-FSL-0383-FWL
BOTTOM: 2400-FSL-0383-FWL
UINTAH COUNTY
UNDESIGNATED FIELD (002)

INSPECT LOCATN BY: / /

TECH REVIEW	Initials	Date
Engineering	<i>PRK</i>	<i>5/23/99</i>
Geology		
Surface		

LEASE TYPE: FEE
LEASE NUMBER:
SURFACE OWNER: Div. of Wildlife Resources

PROPOSED FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 135671)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. T72132)
☒ RDCC Review (Y/N)
(Date: _____)
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3. Unit _____
___ R649-3-2. General
☒ R649-3-3. Exception
___ Drilling Unit
___ Board Cause No: _____
___ Date: _____
___ R649-3-11. Directional Drill

COMMENTS: Application for Row/Lease/Special Use Permit filed w/DWR.
Need Presite. (Conducted 6-16-99)

STIPULATIONS: ① Surface casing shall be cemented to surface.
② STATEMENT OF BASIS

* GRANT EXCEPTION LOCATION



Division of Oil, Gas & Mining

OPERATOR: RANKIN ENERGY CORP. (N6250)

FIELD: UNDESIGNATED (002)

SEC. 16,21,22,28, TWP 12S, RNG 23E

COUNTY: UINTAH UNIT: HANGING ROCK UNIT



PREPARED
DATE: JUNE-1999

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/27/1999

API NO. ASSIGNED: 43-047-33345

WELL NAME: DWR 12-22

OPERATOR: RANKEN ENERGY CORP (N6250)

CONTACT: BILL RYAN

PHONE NUMBER: 435-789-0968

AMENDED

PROPOSED LOCATION:

NWSW 22 120S 230E
SURFACE: 2400 FSL 0383 FWL
SESW BOTTOM: 0730 FSL 1533 FWL
UINTAH
WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 4-Fee

LEASE NUMBER: FEE

SURFACE OWNER: 3-State

PROPOSED FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[4]
(No. 135671)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190 - 5 (B)
☒ Water Permit
(No. T72132)
☒ RDCC Review (Y/N)
(Date: Previously noticed.)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit _____
☐ R649-3-2. General
Siting: Horiz.
☒ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: Directional Drill
Horizontal wells

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: RANKEN ENERGY CORP.

WELL NAME & NUMBER: DWR 12-22

API NUMBER: 43-047-33345

LEASE: Fee **FIELD/UNIT:**

LOCATION: 1/4, 1/4 NW/SW SEC: 22 TWP: 12S RNG: 23E
2400' F S L 383' F W L

LEGAL WELL SITING: Statewide 400 foot window in center of 40
acre tract and no closer than 920 feet from
another well; or Board Spaced area requiring
460' Setback and 920' From another well.

GPS COORD (UTM): 12642500E 4402049N

SURFACE OWNER: DIVISION OF WILDLIFE RESOURCES

PARTICIPANTS:

BILL RYAN (RANKEN), JACK LYTLE (DWR), DAVID HACKFORD (DOGM).

REGIONAL/LOCAL SETTING & TOPOGRAPHY:

SITE IS IN THE JUNCTION OF TWO DRAWS WITH THE MAIN DRAW
CONTINUING ON TO BITTER CREEK ONE MILE TO THE WEST. BOTTOM OF
DRAW IS FLAT AND BROAD WHILE SIDES ARE STEEP AND RUGGED.

SURFACE USE PLAN:

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 180'
AND ACCESS ROAD WOULD BE 0.15 MILES LONG.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: _____
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED
AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD AND
TIE INTO EXISTING PIPELINE WHICH FOLLOWS KINGS WELL COUNTY
ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS
FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL
BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE
AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH
WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED
LAND FILL.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, GREASEWOOD, PRICKLY PEAR, CHEAT
GRASS, SAGE, FOXTAIL, JUNIPER IN AREA BUT NOT ON SITE. SONG
BIRDS, RAPTorial BIRDS, RODENTS, COYOTES, DEER, ELK,
PRONGHORN, COUGAR, BOBCATS.

SURFACE FORMATION: GREEN RIVER FORMATION

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY LOAM
WITH MULTI-COLORED FLAT SHALE ROCKS.

EROSION/SEDIMENTATION/STABILITY: NO EROSION EXCEPT ALONG
WASH IN BOTTOM OF DRAW. SEDIMENTATION AND STABILITY ARE
NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY
INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE SITED. SUE ANN BILBY FROM
THE VERNAL MUSEUM OF NATURAL HISTORY PERFORMED A PALEO STUDY
FOR RANKEN AT DWR REQUEST.

RESERVE PIT:

CHARACTERISTICS: 180' BY 25' AND 10'DEEP.
LINER REQUIREMENTS (Site Ranking Form attached): _____
A LINER WILL NOT BE REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN:

AS PER LANDOWNER AGREEMENT OR AS DIRECTED BY DIVISION.

SURFACE AGREEMENT: A SURFACE AGREEMENT HAS NOT BEEN SIGNED AT THIS TIME.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY SAGEBRUSH CONSULTING. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS:

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A WARM SUNNY DAY.

ATTACHMENTS:

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

6/16/99 12:30PM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>5</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score		<u>15</u>











DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: RANKEN ENERGY CORP.

Well Name & Number: DWR #12-22

API Number: 43-047-33345

Location: 1/4, 1/4 NW/SW Sec. 22 T. 12S R. 23E

Geology/Ground Water:

There are no water wells in the area according to the Division of Water Rights. All water rights filed in the area are either from the White River or Bitter Creek. The base of the moderately saline water is estimated to be at approximately 3300'. Rankin has proposed cementing the production casing to cover the oil shale which they estimate at a depth of 300'. The proposed casing program should adequately protect any useable water encountered.

Reviewer: Brad Hill

Date: 6/29/99

Surface:

The pre-drill investigation of the surface was performed on 6/16/99. The Division of Wildlife Resources is the surface owner, and they were represented by Jack Lytle. Mr. Lytle stated that the DWR would request a five month window where drilling would not be allowed, but he didn't know exactly when this window would be. He stated there would probably be other stipulations, but he didn't know exactly what they would be. DWR considers this area to be prime deer winter habitat. Exception spacing requested for this site. The window allowed by general state spacing would place location on the side of an extremely steep slope and location construction would be expensive and would cause extra surface damage. (Jack Lytle stated in a conversation on 6/28/99 that DWR's right of way permit would be finished within a few days. He also asked for a no-drill window from Nov. 15 - April 15. B Hill 6/29/99)

Reviewer: David W. Hackford

Date: 6/21/99

Conditions of Approval/Application for Permit to Drill:

1. A Right of Way Easement Agreement shall be obtained from D.W.R. prior to any surface disturbance.

Well name:

699 Ranken DWR-12-22Operator: **Ranken Energy Corp.**String type: **Surface**

Project ID:

43-047-33345

Location: **Uintah County****Design parameters:****Collapse**

Mud weight: 8.600 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 79 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 300 ft

Cement top: Surface

Burst

Max anticipated surface pressure: -14 psi

Internal gradient: 0.494 psi/ft

Calculated BHP 134 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 262 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,500 ft

Next mud weight: 8.600 ppg

Next setting BHP: 3,351 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 7,500 ft

Injection pressure 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	9.625	36.00	J-55	ST&C	300	300	8.796	21.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	134	2020	15.08	134	3520	26.27	9	394	41.81 J

Prepared RJK
by: Utah Dept. of Natural ResourcesPhone: (801) 538-5274
FAX:Date: June 23, 1999
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing shall be cemented to surface.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

699 Ranken DWR-12-22Operator: **Ranken Energy Corp.**

String type: Production

Project ID:

43-047-33345

Location: Uintah County

Design parameters:**Collapse**

Mud weight: 8.600 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 162 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 2,613 ft

Burst

Max anticipated surface pressure: 2,026 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 2,770 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 5,393 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6200	5.5	15.50	J-55	LT&C	6200	6200	4.825	194.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2770	4040	1.46	2770	4810	1.74	84	217	2.60 J

Prepared by: RJK
Utah Dept. of Natural ResourcesPhone: (801) 538-5274
FAX:Date: June 23, 1999
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing shall be cemented to surface.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

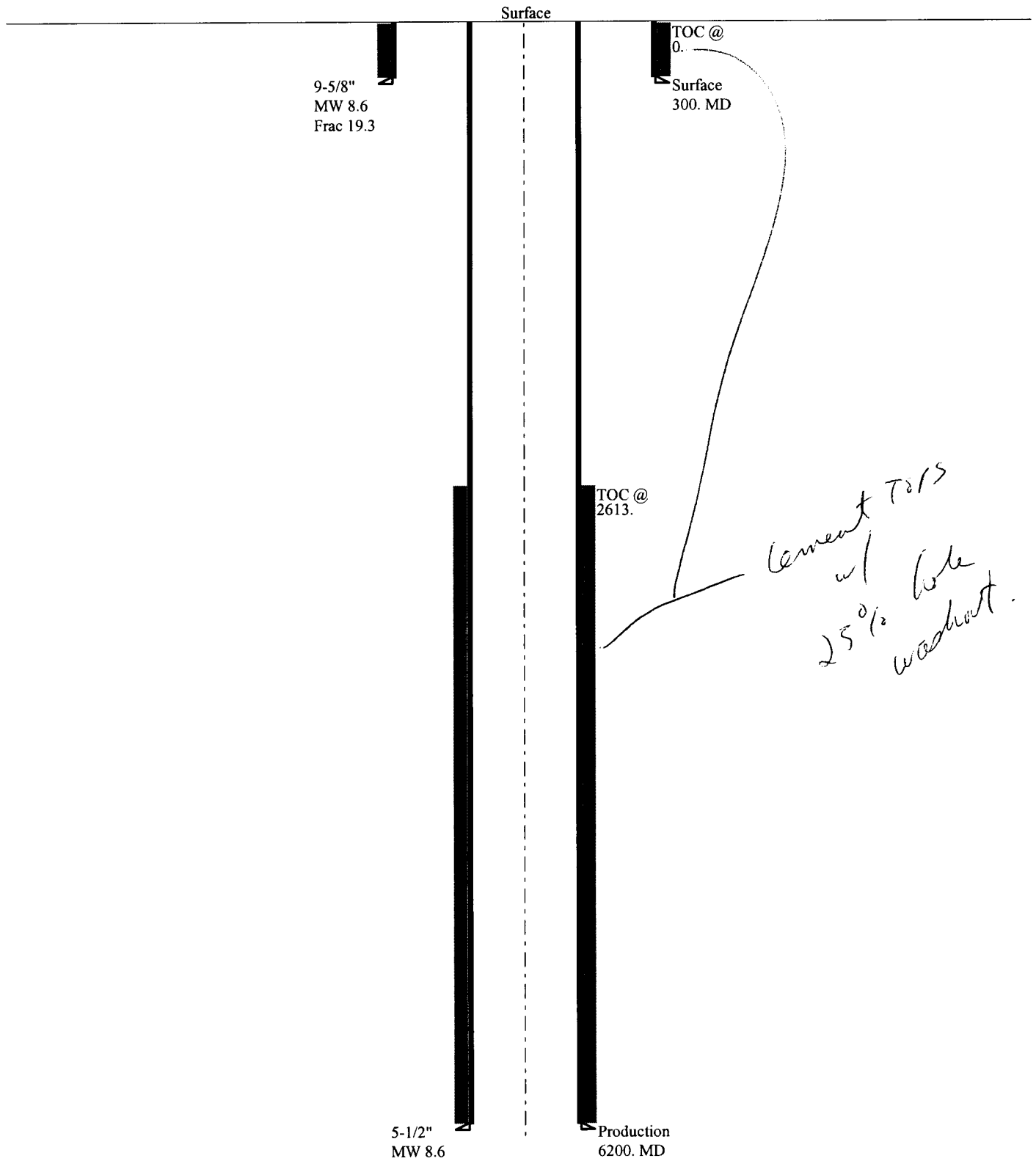
Collapse is based on a vertical depth of 6200 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

699 Ranken DWR-12-22

Casing Schematic





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

July 12, 1999

Ranken Energy Corporation
417 West 18th Street, Suite 101
Edmond, Oklahoma 73013-3663

Re: DWR 12-22 Well, 2400' FSL, 383' FWL, NW SW, Sec. 22, T. 12 S., R. 23 E., Uintah
County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM by the operator and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33345.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".
John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Ranken Energy Corporation
Well Name & Number: Ranken Energy DWR 12-22
API Number: 43-047-33345
Lease: Fee **Surface Owner:** Division of Wildlife Resources
Location: NW SW **Sec.** 22 **T.** 12 S. **R.** 23 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division of the following actions during drilling of this well:

- . 24 hours prior to cementing or testing casing
- . 24 hours prior to testing blowout prevention equipment
- . 24 hours prior to spudding the well
- . within 24 hours of any emergency changes made to the approved drilling program
- . prior to commencing operations to plug and abandon the well

Division contacts (please leave a voice mail message if person is not available to take the call):

- . Dan Jarvis at (801) 538-5338
- . Robert Krueger at (801) 538-5274 (plugging)
- . Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Surface casing shall be cemented to surface.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

RANKEN ENERGY CORPORATION

3. Address and Telephone Number:

417 W. 18th St., Ste. 101 Edmond, OK 73013-3663 405/340-2363

4. Location of Well

Footages: 2400' FSL & 383' FWL (NW/SW)

QQ, Sec., T., R., M.: Section 22-12S-23E

5. Lease Designation and Serial Number:

Free

6. If Indian, Allocated or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

DWR 12-22

9. API Well Number:

43-047-33345

10. Field and Pool, or Wildcat:

Wildcat

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Deepen 30' below permitted depth of 6200'</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SEP 30 1999

13.

Name & Signature: Randolph L. Coy

Title: President

Date: 9/28/99

(This space for State use only)

COPY SENT TO OPERATOR

Date: 10-4-99

Initials: LRD

(See Instructions on Reverse Side)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10/7/99
By: [Signature]

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR RANKEN ENERGY CORPORATION
ADDRESS 417 W. 18th St., Ste. 101
Edmond, OK 73013-3663

OPERATOR ACCT. NO. N 6250

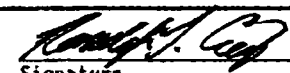
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q0	SC	TP	RG	COUNTY		
A	9	12605	43-047-33343	DWR 5-28	SW/NW	28	12S	23E	Uintah	8/8/99	8/8/99
WELL 1 COMMENTS: 991130 entity added. KDR											
CONFIDENTIAL											
A	9	12606	43-047-33344	DWR 12-21	NW/SW	21	12S	23E	Uintah	9/2/99	9/2/99
WELL 2 COMMENTS: 991130 entity added. KDR											
A	9	12640	43-047-33345	DWR 12-22	NW/SW	22	12S	23E	Uintah	8/21/99	8/21/99
WELL 3 COMMENTS: 991130 entity added. KDR											
A	9	12641	43-047-33346	DWR 15-16	SW/SE	16	12S	23E	Uintah	9/12/99	9/12/99
WELL 4 COMMENTS: 991130 entity added. KDR											
CONFIDENTIAL											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)


Signature _____
President _____ 11/10/99
Title _____ Date _____
Phone No. (405) 340-2363

JAN 13 2000

DIVISION OF OIL, GAS & MINING

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESTR. ☐ Other _____

2. NAME OF OPERATOR

RANKEN ENERGY CORPORATION

3. ADDRESS OF OPERATOR

417 W. 18th St., Ste. 101, Edmond, OK 73013-3663

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2400' FSL, 383' FWL, NW/4 SW/4

At top prod. interval reported below N/A

At total depth N/A

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

DWR

9. WELL NO.

12-22

10. FIELD AND POOL OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22-T12S-R23E

14. API NO.

43-047-33345

DATE ISSUED

7/12/99

12. COUNTY

Uintah

13. STATE

UT

15. DATE SPUDDED

8/21/99

16. DATE T.D. REACHED

8/28/99

17. DATE COMPL. (Ready to prod.)

12/23/99 (Plug & Abd.)

18. ELEVATIONS (OF. RES. RT. CE, ETC.)

5731' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6230'

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL. HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - 6230

-0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

4992'-5010' - Mesaverde

5138'-5148' - Mesaverde

5180'-5190' - Mesaverde

6022'-28' - Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Microlog, High Resolu

27. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)

tion Induction; Spectral Density Dual Spaced

DRILL STEM TEST YES ☐ NO ☒ (See source side)

28. Neutron

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"		45'		Drove into rock - no cement	
9 5/8"	36 (new)	317.46	12 1/4"	175 sx Premium Plus	-0-
5 1/2"	15.5 (new)	6196.21	7 7/8"	680 sx Premium 300	-0-
				DV tool @ 2994 - 225 sx Prem. V & 375	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6000'	5964'

31. PERFORATION RECORD (Interval, size and number)

See attached sheet

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attached sheet	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						SI	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
12/23/99	24	19/64"	→	20	20		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
		→		CONFIDENTIAL			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

CONFIDENTIAL


PERIOD EXPIRED

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE President

DATE

1/10/00

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	<div style="display: flex; justify-content: space-between; font-size: small;"> Meas. Depth Top True Vert. Depth </div>
Mesaverde	3974	4070	Water, fresh	Wasatch Mesaverde	<div style="display: flex; justify-content: space-between; font-size: small;"> 2282' 3652' </div>

**ATTACHMENT FOR THE DWR 12-22 WELL COMPLETION OR
RECOMPLETION REPORT AND LOG DATED 1/10/00**

- 31) Perforation Record: Perf. 3996'-4000' (4spf); Perf. 4992'-5010' (4spf); Perf 5180'-90' & 5138'-48' (4spf); Perf. 6022'-28' (6spf)

- 32) Acid, shot, fracture, cement squeeze, etc.:
 - a) 4992'-5010' - 1000 gals 15% acid with 110 - 5/8" ball sealers.
 - b) 5180'-90'; 5138'-48' - 1250 gals 15% acid with 120 - 5/8" ball sealers.
 - c) 5180'-90'; 5138'-48' - fracture treatment w/30,600 #'s 20/40 sand w/17,171 gals.
 - d) 6022'-28' - fracture treatment w/23,700 #'s 20/40 sand w/11,504 gals.

FORM 3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial Number:

Fee

6. If Indian, Alutian or Tribe Name:

7. Unit Agreement Name:

8. Farm or Lease Name:
DWR9. Well Number:
12-2210. Field and Pool, or Wildcat:
Wildcat11. Cor/Gr, Section, Township, Range, Meridian:
NW/4 SW/4
Sec. 22-T12S-R23E

12. County:

Uintah

13. State:

UTAH

1A. Type of Work:

DRILL ☒DEEPEN ☐

CONFIDENTIAL

8. Type of Well:

OIL ☐GAS ☒

OTHER:

Horizontal
DrillSINGLE ZONE ☒MULTIPLE ZONE ☐

2. Name of Operator:

RANKEN ENERGY CORPORATION

3. Address and Telephone Number:

417 W. 18th St., Ste. 101, Edmond, OK 73013-3663 405/340-2363

4. Location of Well (Footage):

At Surface: 2400' FSL & 388' FWL

At Proposed Production Zone: Bottom hole location, main shaft: 738' FSL &

2603' FWL 1533

14. Distance in miles and direction from nearest town or post office:

75 miles

15. Distance to nearest

property or lease line (feet): 2300'

16. Number of acres in lease:

9500

17. Number of acres assigned to this well:

640 (Temporary)

18. Distance to nearest well, drilling,

completed, or applied for, on this lease (feet): 4500'

19. Proposed Depth:

7400' - Total horizontal

20. Rotary or cable tool:

Rotary

21. Elevations (show whether DF, RT, GR, etc.):

5733'

Length from surface to end of
main lateral

22. Approximate date work will start:

8/21/00

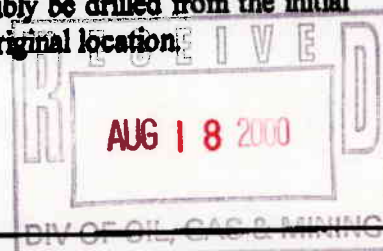
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
4 3/4"	J-55, 3 1/2"	9.5 lb/Ft.	2300'	None - Liner hanger

DETERMINE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

Ranken Energy Corporation, et al, plans on drilling out horizontally, the previously drilled and completed DWR 12-22 Mesaverde sand zone found at 5138' - 48' and 5180' - 90'. A window will be cut in the original 5 1/2" casing, a whipstock set, then a 2300' lateral will be drilled. The lateral shaft will then be logged, then an additional 6 sub-laterals will possibly be drilled from the initial main horizontal "shaft". A pit with liner will be constructed on the original location.



24.

Name & Signature: Randolph L. Coy

Title: President

Date: 8/18/00

(This space for State use only)

API Number Assigned:

43-047-33345

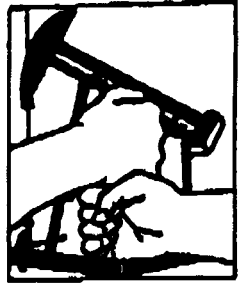
Approval:

John R. Bay

8/21/2000

**RANKEN
ENERGY
CORPORATION**

417 W. 18th Street, Suite 101
Edmond, Oklahoma 73013-3663
(405) 340-2363 • Fax (405) 340-2365



August 21, 2000

Via Facsimile & U.S. Mail

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

RE: DWR 12-22 - Horizontal Well Project

Dear Sir(s):

Please be advised that Ranken Energy Corporation has made application (see enclosed) to the Utah State Division of Oil, Gas & Mining for the re-completion of its previously completed DWR 12-22 well. This re-completion will involve horizontally drilling the Mesaverde formation. According to the Utah Oil and Gas Conservation Rule 649-3-2.6-7, Ranken Energy is required to notify you of our intentions regarding this application since there is no lessee of record with the BLM.

Should you have any questions, please do not hesitate to call.

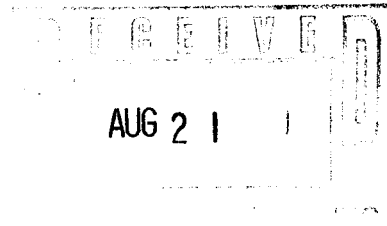
Sincerely,

Randolph L. Coy
President

RLC:jr
enc.

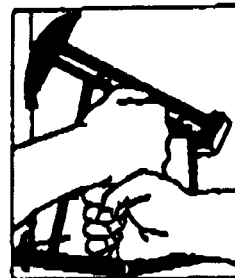
cc: Lisha Cordova
Division of Oil, Gas & Mining

(blm22rc)



**RANKEN
ENERGY
CORPORATION**

417 W. 18th Street, Suite 101
Edmond, Oklahoma 73013-3663
(405) 340-2363 • Fax (405) 340-2365

**FACSIMILE COVER SHEET**

SEND TO: Company Name Utah State - Div. of Oil, Gas & Mining	From: Randy Coy
Attention: Lisha Cordova	Date: 8-18-00 8/21/00
Fax Number: 801-359-3940	Phone Number: 801/538-5296

☐ Urgent ☐ Reply ASAP ☐ Please Comment ☐ Please Review ☐ For your information

Total pages, including cover sheet:

4

COMMENTS:

Lisha,
~~Please give me a call ASAP.~~

If the quality of this facsimile is poor, please call JANET at the above number.

ORIGINAL TO FOLLOW VIA:

☒ Airborne Express
☐ Federal Express
☐ Original will NOT be sent

FORM 3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

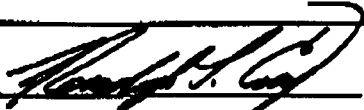
APPLICATION FOR PERMIT TO DRILL OR DEEPEN			6. Lease Designation and Serial Number: Fee	
			8. If Indian, Allottee or Tribe Name:	
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			7. Unit Agreement Name:	
9. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: Horizontal SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> Drill			8. Form or Lease Name: DWR	
2. Name of Operator: RANKEN ENERGY CORPORATION			9. Well Number: 12-22	
3. Address and Telephone Number: 417 W. 18th St., Ste. 101, Edmond, OK 73013-3663 405/340-2363			10. Field and Pool, or Wildcat: Wildcat	
4. Location of Well (Footages) At Surface: 2400' FSL & 388' FWL At Proposed Producing Zone: Bottom hole location, main shaft: 738' FSL & 2683' FWL			11. Ctr/Ctr, Section, Township, Range, Meridian: NW/4 SW/4 Sec. 22-T12S-R23E	
14. Distance in miles and direction from nearest town or post office: 75 miles			12. County: Uintah	13. State: UTAH
15. Distance to nearest property or lease line (feet): 2300'	16. Number of acres in lease: 9500	17. Number of acres assigned to this well: 640 (Temporary)		
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): 4500'	19. Proposed Depth: 7400' - Total horizontal	20. Rotary or cable tool: Rotary		
21. Deviations (show whether DF, RT, GA, etc.): 5733'		Length from surface to end of main lateral		22. Approximate date work will start: 8/21/00

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
4 3/4"	J-55, 3 1/2"	9.5 lb/Ft.	2300'	None - Liner hanger

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

Ranken Energy Corporation, et al, plans on drilling out horizontally, the previously drilled and completed DWR 12-22 Mesaverde sand zone found at 5138' - 48' and 5180' - 90'. A window will be cut in the original 5 1/2" casing, a whipstock set, then a 2300' lateral will be drilled. The lateral shaft will then be logged, then an additional 6 sub-laterals will possibly be drilled from the initial main horizontal "shaft". A pit with liner will be constructed on the original location.

24. Name & Signature: <u>Randolph L. Coy</u> 			Title: <u>President</u>	Date: <u>8/18/00</u>
--	--	--	-------------------------	----------------------

(This space for State use only)

API Number Assigned: _____

Approval: _____

T12S, R23E, S.L.B.&M.

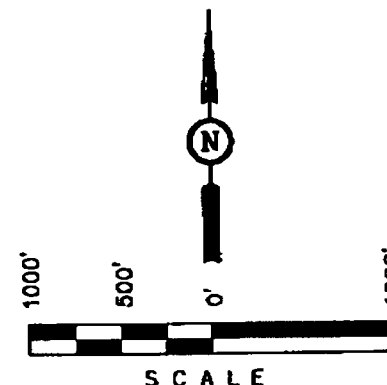
RANKEN ENERGY CORP.

Well location, DWR #12-22, located as shown in the NW 1/4 SW 1/4 of Section 22, T12S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 16, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE. QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5994 FEET.

N00°07'W - (G.L.O.)



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLATINGS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

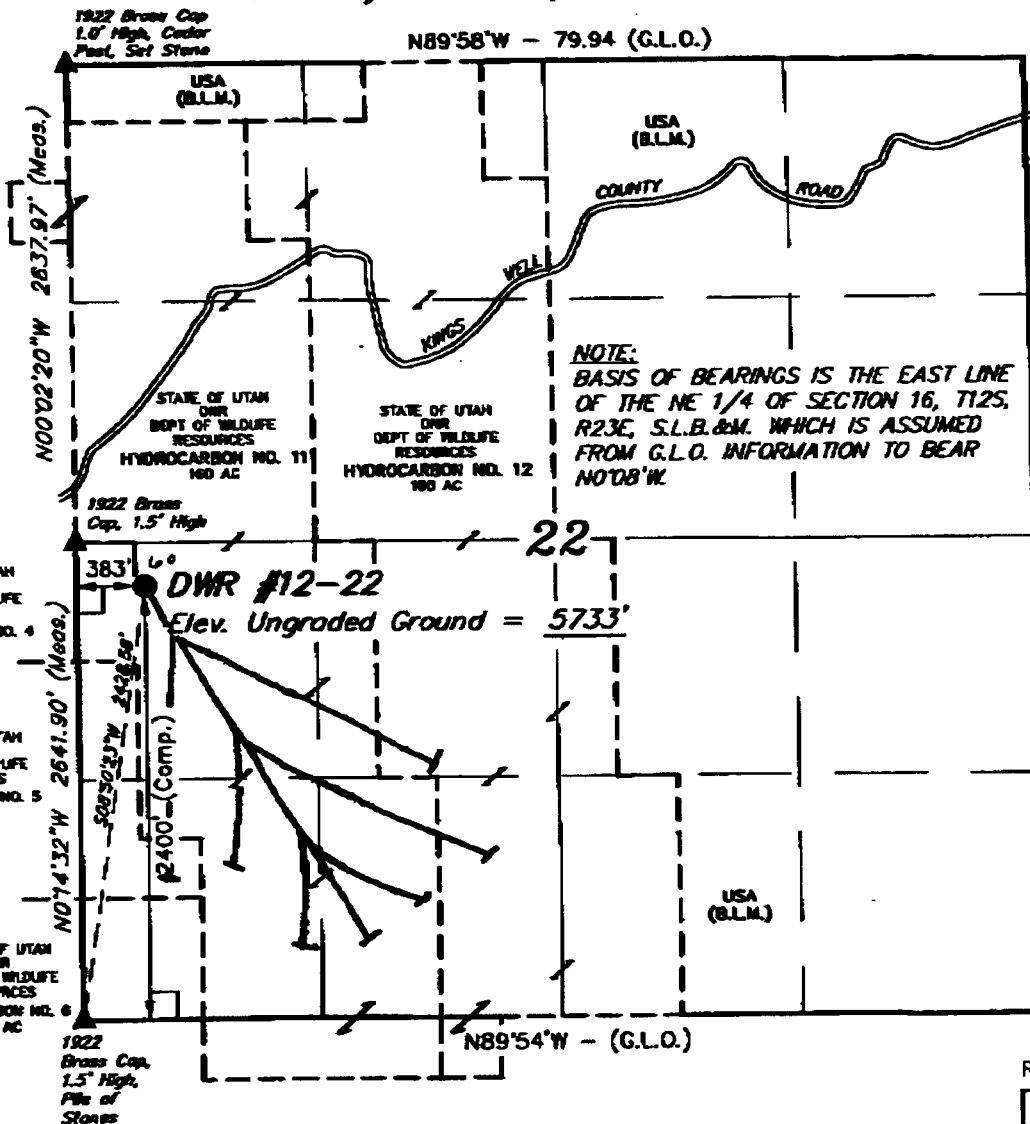
REGISTERED LAND SURVEYOR
REGISTRATION NO. 15131
STATE OF UTAH

REVISED: 5-18-99 D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-8-99	DATE DRAWN: 5-12-99
PARTY J.F. J.J. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE RANKEN ENERGY CORP.	

N89°58'W - 79.94 (G.L.O.)



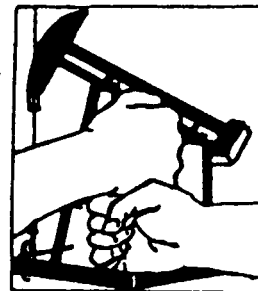
LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°45'30"
LONGITUDE = 109°20'12"

RANKEN ENERGY CORPORATION

417 W. 18th Street, Suite 101
Edmond, Oklahoma 73013-3663
(405) 340-2363 • Fax (405) 340-2365



August 18, 2000

Via Facsimile & U.S. Mail

Utah State
Division of Oil, Gas & Mining
1594 West North Temple, Ste. 1210
Salt Lake City, UT 84114-5801

Attention: Ms. Lisha Cordova

RE: Ranken Energy Corporation's -
DWR 12-22 well
Horizontal Drilling APD

Dear Lisha:

Per your request enclosed please find a completed APD and a staking plat with our lease boundary highlighted in yellow. Also annotated on this plat is our proposed horizontally drilled main shaft with the possible sub-lateral shafts. Please be advised that our main shaft, nor any of the sub-laterals, will be closer than 660' from any lease boundary. In addition, no portion of this horizontally drilled well will be within 1,320' to any vertical well completed in the same formation.

** See BLM Letter dated 8-21-2000. JC*
~~It is my understanding that no notification to any offsetting operators will be required because we are not located closer than 660' to any lease lines.~~

Please give me a call ASAP to discuss this APD and to make sure everything is in order. Once again, Lisha, thanks for all of your help. You are most courteous and professional.

Sincerely,

A handwritten signature in black ink, appearing to read "Randolph L. Coy". The signature is stylized with a large, sweeping "R" and a cursive "Coy".

Randolph L. Coy
President

RLC:jr
enc.

(utog11rc)

RECEIVED

AUG 21 2000

DIVISION OF
OIL, GAS AND MINING

T12S, R23E, S.L.B.&M.

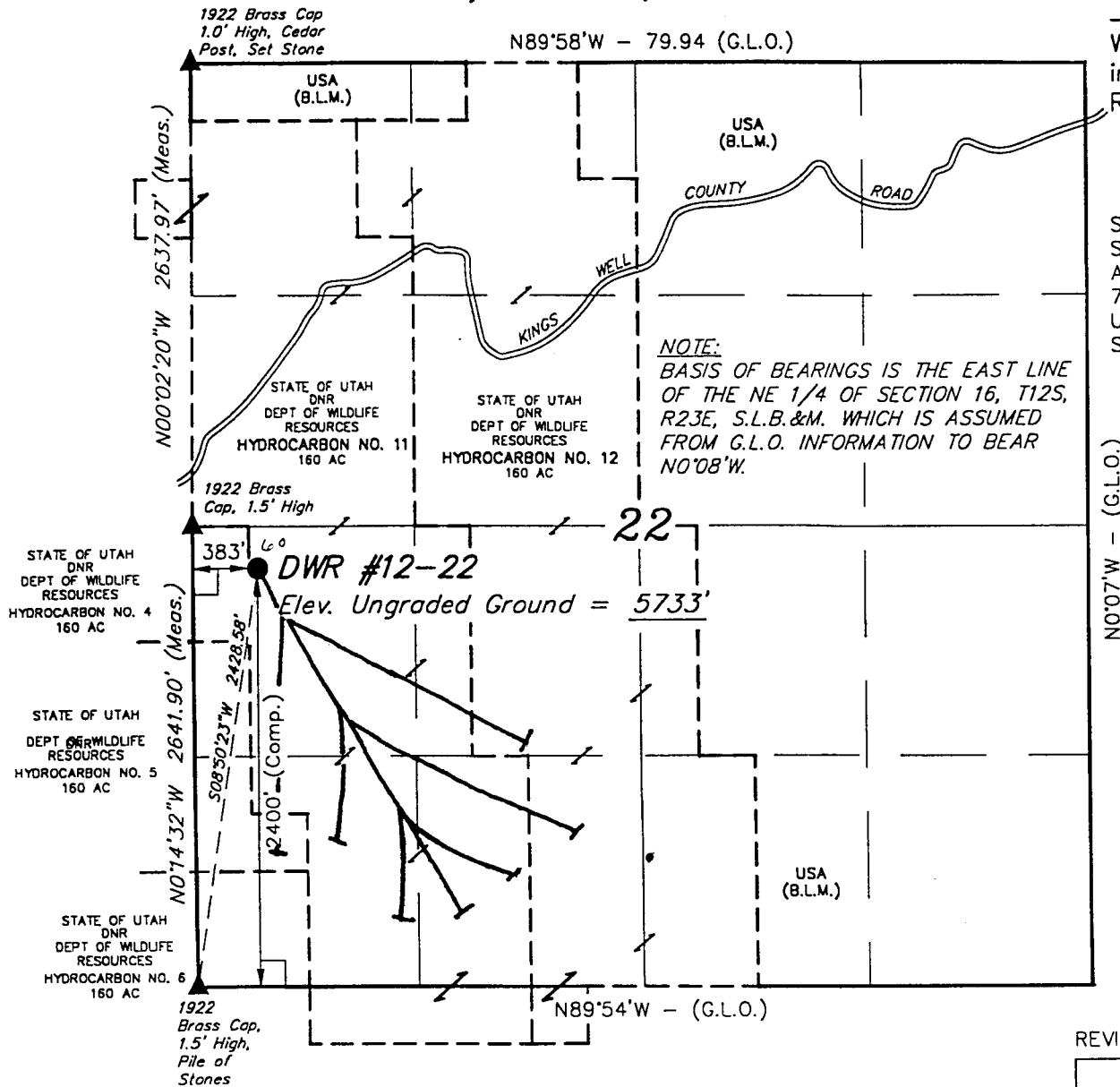
RANKEN ENERGY CORP.

Well location, DWR #12-22, located as shown in the NW 1/4 SW 1/4 of Section 22, T12S, R23E, S.L.B.&M. Uintah County, Utah.

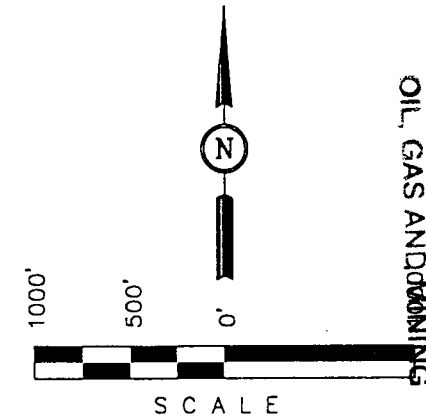
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 16, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE. QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5994 FEET.

NOTE:
BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 16, T12S, R23E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°08'W.



(G.L.O.) - W.40.0N



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 5-18-99 D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

LATITUDE = 39°45'30"
LONGITUDE = 109°20'12"

SCALE 1" = 1000'	DATE SURVEYED: 5-8-99	DATE DRAWN: 5-12-99
PARTY J.F. J.J. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE RANKEN ENERGY CORP.	

RECEIVED

AUG 21 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. Lease Designation and Serial Number: <div style="border: 1px solid black; padding: 2px; text-align: center;">Fee</div>	
B. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: Horizontal SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> <div style="text-align: center;">Drill</div>			6. If Indian, Allottee or Tribe Name:	
2. Name of Operator: <div style="border: 1px solid black; padding: 2px;">RANKEN ENERGY CORPORATION</div>			7. Unit Agreement Name:	
3. Address and Telephone Number: <div style="border: 1px solid black; padding: 2px;">417 W. 18th St., Ste. 101, Edmond, OK 73013-3663 405/340-2363</div>			8. Farm or Lease Name: <div style="border: 1px solid black; padding: 2px;">DWR</div>	
4. Location of Well (Footages) At Surface: 2400' FSL & 388' FWL At Proposed Productive Zone: Bottom hole location, main shaft: 738' FSL & 2683' FWL			9. Well Number: <div style="border: 1px solid black; padding: 2px;">12-22</div>	
14. Distance in miles and direction from nearest town or post office: <div style="border: 1px solid black; padding: 2px; text-align: center;">75 miles</div>			10. Field and Pool, or Wildcat: <div style="border: 1px solid black; padding: 2px;">Wildcat</div>	
15. Distance to nearest property or lease line (feet): 2300'			11. Qtr/Qtr, Section, Township, Range, Meridian: <div style="border: 1px solid black; padding: 2px;">NW/4 SW/4 Sec. 22-T12S-R23E</div>	
16. Number of acres in lease: <div style="border: 1px solid black; padding: 2px; text-align: center;">9500</div>			12. County: <div style="border: 1px solid black; padding: 2px; text-align: center;">Uintah</div>	
17. Number of acres assigned to this well: <div style="border: 1px solid black; padding: 2px; text-align: center;">640 (Temporary)</div>			13. State: UTAH	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): 4500'			19. Proposed Depth: <div style="border: 1px solid black; padding: 2px;">7400' - Total horizontal</div>	
20. Rotary or cable tools: <div style="border: 1px solid black; padding: 2px; text-align: center;">Rotary</div>			21. Approximate date work will start: <div style="border: 1px solid black; padding: 2px; text-align: center;">8/21/00</div>	
22. Elevations (show whether DF, RT, GR, etc.): <div style="border: 1px solid black; padding: 2px;">5733' Length from surface to end of main lateral</div>			23. APPROXIMATE DATE WORK WILL START: <div style="border: 1px solid black; padding: 2px; text-align: center;">8/21/00</div>	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
4 3/4"	J-55, 3 1/2"	9.5 lb/Ft.	2300'	None - Liner hanger

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Ranken Energy Corporation, et al, plans on drilling out horizontally, the previously drilled and completed DWR 12-22 Mesaverde sand zone found at 5138' - 48' and 5180' - 90'. A window will be cut in the original 5 1/2" casing, a whipstock set, then a 2300' lateral will be drilled. The lateral shaft will then be logged, then an additional 6 sub-laterals will possibly be drilled from the initial main horizontal "shaft". A pit with liner will be constructed on the original location.

24. Name & Signature: <u>Randolph L. Coy</u>			Title: <u>President</u>		Date: <u>8/18/00</u>	
--	--	--	-------------------------	--	----------------------	--

(This space for State use only)

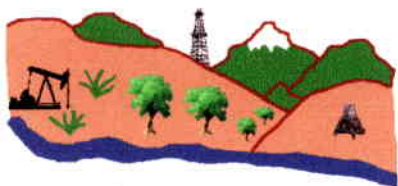
API Number Assigned: _____

Approval: _____

RECEIVED

AUG 21 2000

DIVISION OF
OIL, GAS AND MINING



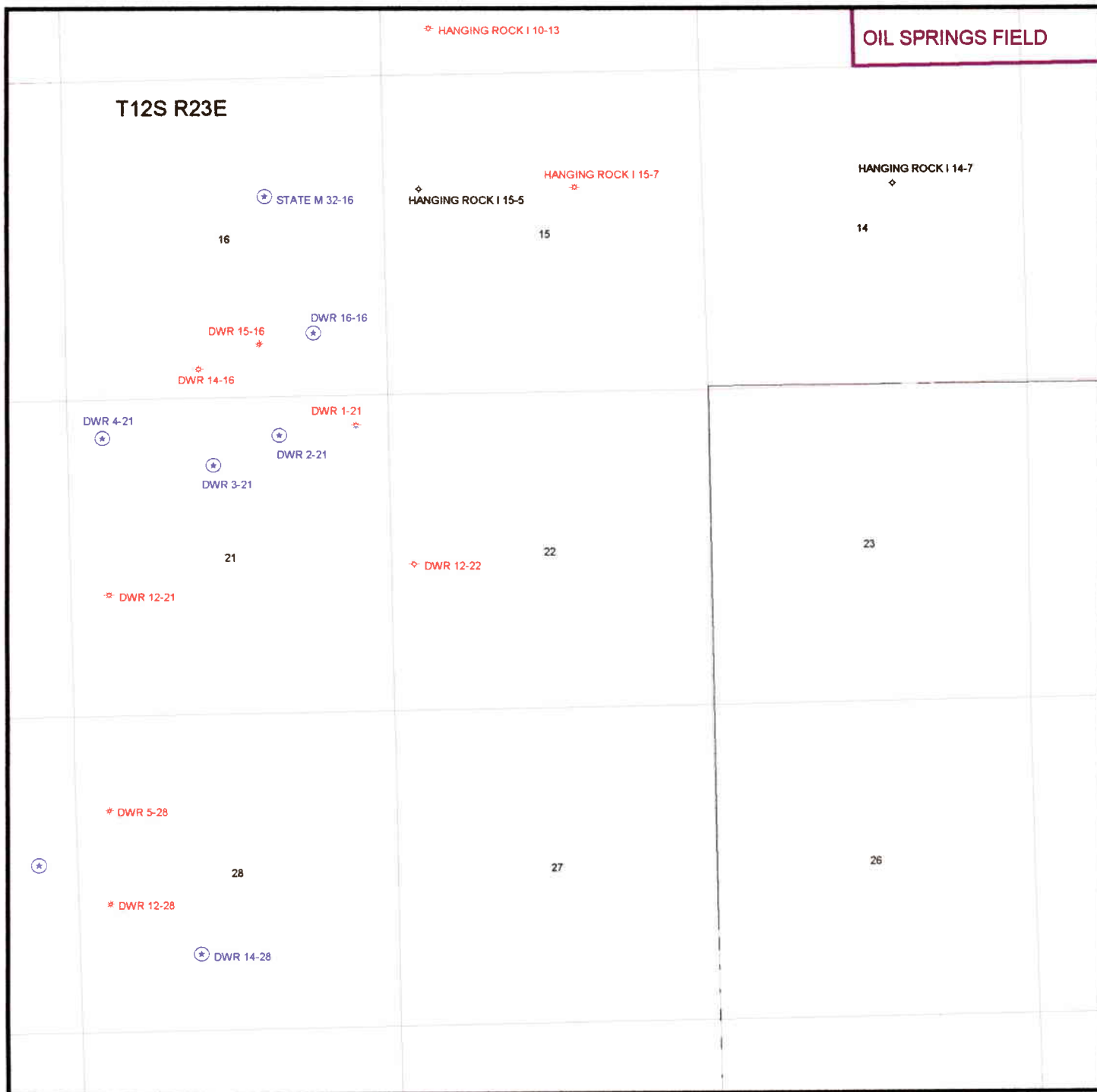
Utah Oil Gas and Mining

OPERATOR: RANKEN ENERGY CORP (N6250)

FIELD: WILDCAT (001)

SEC. 22, T12S, R23E,

COUNTY: UINTAH SPACING: R649-3-3





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 21, 2000

AMENDED PERMIT

Ranken Energy Corporation
417 West 18th St, Suite 101
Edmond, OK 73013-3663

Re: DWR 12-22 Well, 738' FSL, 1533' FWL, SE SW, Sec. 22, T. 12 South, R. 23 East,
Uintah County, Utah

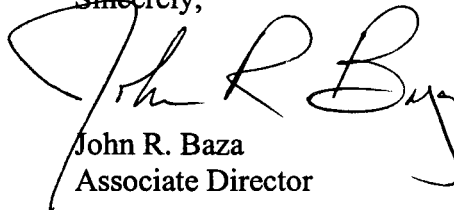
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33345.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

cc: Uintah County Assessor

Operator: Ranken Energy Corporation
Well Name & Number DWR 12-22
API Number: 43-047-33345 Amended Permit
Lease: FEE

Location: SE SW **Sec.** 22 **T.** 12 South **R.** 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Robert Krueger at (801) 538-5274 (plugging)
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Surface casing shall be cemented to surface.

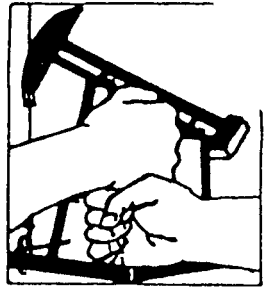
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

7. A temporary 640 acre spacing unit is hereby established in Section 22, Township 12 South, Range 23 East for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

RANKEN ENERGY CORPORATION

417 W. 18th Street, Suite 101
Edmond, Oklahoma 73013-3663
(405) 340-2363 • Fax (405) 340-2365



August 21, 2000

Via Facsimile & U.S. Mail

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

CONFIDENTIAL

RE: DWR 12-22 - Horizontal Well Project

43-047-33345 Sec. 22, T. 12S R. 23E

Dear Sir(s):

Please be advised that Ranken Energy Corporation has made application (see enclosed) to the Utah State Division of Oil, Gas & Mining for the re-completion of its previously completed DWR 12-22 well. This re-completion will involve horizontally drilling the Mesaverde formation. According to the Utah Oil and Gas Conservation Rule 649-3-2.6-7, Ranken Energy is required to notify you of our intentions regarding this application since there is no lessee of record with the BLM.

Should you have any questions, please do not hesitate to call.

Sincerely,

Randolph L. Coy
President

RLC:jr
enc.

cc: Lisha Cordova
Division of Oil, Gas & Mining

(blm22rc)

RECEIVED

DIVISION OF
OIL, GAS AND MINING

TRANSACTION REPORT

P.01

AUG-22-2000 TUE 11:05 AM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-22	11:03 AM	14053402365	2' 14"	5	SEND	OK	572	

TOTAL : 2M 14S PAGES: 5



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: 8/22/00

FAX #: (405) 340-2365

ATTN: Randy Coy

COMPANY: Ranken Energy Corp

DEPARTMENT: _____

NUMBER OF PAGES: (INCLUDING THIS ONE) 6

FROM: Earlene Russell (801) 538-5277

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.
We are sending _____

ROUTING AND TRANSMITTAL SLIP

Date

10/13

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1. John Baza

2. -DOGm

3.

4.

5.

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

FYI

RECEIVED

OCT 17 1973

DIVISION OF
OIL, GAS AND MINING

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Jerry Kenczka

Phone No.

435-781-4494

5041-102

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.206

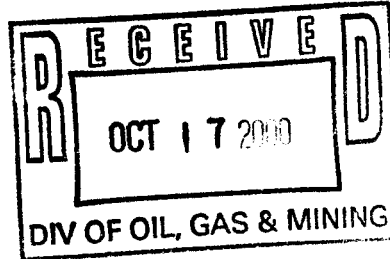


United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:
3162.3-1
UT08300



13 October 2000

Ranken Energy Corporation
Attn: Randolph Coy
417 W. 18th Street, Suite 101
Edmond, OK 73013-3663

43-047-33345
Re: Temporary Spacing Order
Well DWR #12-22
NWSW Sec. 22, T12S-R23E
Uintah County, Utah

Dear Mr. Coy:

I wish to confirm a conversation you had with Jerry Kenczka on my staff several weeks ago regarding the re-completion of the referenced well with a horizontal leg in the Mesaverde formation. The State of Utah, by Oil and Gas Conservation Rule 649-3-2, has established a temporary six hundred and forty (640) acre spacing unit for all horizontal wells. Approximately half of the mineral estate within the temporary spacing unit for this well is unleased public minerals.

As you are aware, Jerry has had several conversations with our BLM Utah State Office and John Baza of the Division of Oil, Gas, and Mining trying to determine what actions may be necessary by BLM due to public minerals being within the temporary spacing unit; i.e. should a communitization agreement be requested and established, and as a result, royalties be paid to the Federal government on any production from the well.

As a result of our conversations, we have decided not to take any actions at this time until a final spacing order has been established for the well. Had BLM required a communitization agreement based upon the temporary spacing order, we feel that this would have established correlative rights, taking away the ability to establish a spacing order based upon the productive capability of the well. Please be advised, however, that we will continue to monitor this situation and if the final spacing unit for the well does include public minerals, BLM will be contacting Ranken Energy for the establishment of a communitization agreement. This would also require a payment of royalties back to the date of first production.

orig.: well file ✓

cc: JRB
BGH
LEC
GLH
RJK

If you have any questions concerning this matter, please contact Jerry Kenczka on my staff at (435) 781-4494.

Sincerely,

A handwritten signature in black ink, appearing to read "Howard Cleavinger", with a stylized flourish at the end.

Howard Cleavinger
Assistant Field Manager for Mineral
Resources

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

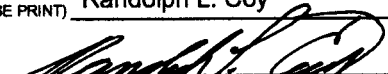
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: RANKEN ENERGY CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 417 W. 18TH ST., STE <u>CITY</u> EDMOND STATE <u>OK</u> ZIP <u>73013-3663</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400' FSL & 383' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/4 SW/4 22-T12S-R23E		8. WELL NAME and NUMBER: DWR 12-22 9. API NUMBER: 4304733345 10. FIELD AND POOL, OR WILDCAT: WILDCAT
		COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SEE BELOW
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Per the approved intent to drill, a lateral/horizontal leg was successfully drilled from the original vertical wellbore into the Mesaverde formation. We have been awaiting a completion unit since 11/2000 in order to finish the completion. Due to the high degree of activity in Utah over the last 10 months, completion rigs have not been available. We anticipate having a rig within 30 days, hopefully.

NAME (PLEASE PRINT) <u>Randolph L. Coy</u>	TITLE <u>President</u>
SIGNATURE 	DATE <u>9/12/01</u>

(This space for State use only)

RECEIVED

SEP 12 2001

(5/2000)

(See Instructions on Reverse Side)

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER:			
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR: Ranken Energy Corporation						7. UNIT or CA AGREEMENT NAME			
3. ADDRESS OF OPERATOR: 417 W. 18th St. #101 CITY Edmond STATE OK ZIP 73013				PHONE NUMBER: (405) 340-2363		8. WELL NAME and NUMBER: DWR 12-22			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2400' FSL, 383' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: 717 FSL 1902 FWL per BKO 44015434 642980x						9. API NUMBER: 4304733345			
10. FIELD AND POOL, OR WILDCAT Wildcat						11. QTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/4 SW/4 Sec. 22-12S-23E			
12. COUNTY Uintah						13. STATE UTAH			
14. DATE SPUDDED: 08/23/00		15. DATE T.D. REACHED: 10/31/00		16. DATE COMPLETED: 10/27/01		17. ELEVATIONS (DF, RKB, RT, GL): 5,733'			
18. TOTAL DEPTH: MD 7,292' TVD 4,978'		19. PLUG BACK T.D.: MD 4,966' TVD 4,966'		20. IF MULTIPLE COMPLETIONS, HOW MANY? * n/a		21. DEPTH BRIDGE PLUG SET: MD 4,966' CIBP TVD 4,966'			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Compact Memory Array Induction Compact Memory Photodensity Compensated Neutron						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)			
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
	16"		Surface	45.00'	Drove into rock,	no cement			
12 1/4"	9 5/8"	36# (new)	Surface	317.46'		175 sx/Prem. Plus			-0-
7 7/8"	5 1/2"	15.5# new	Surface	6196.21'		680 sx/Prem. 300			-0-
	DV Tool @ 2994'					225 sx/Prem. V &		375 sx/Prem.	
4 3/4"	3 1/2"	10.3#	4952'	6820'					
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	4869'	Baker							
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Mesa Verda								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
4890' - 6820'		4000 gal. 10% acid, 6000 gal. Diverter, 2500 gal. Breaker							
29. ENCLOSED ATTACHMENTS:									
30. WELL STATUS:									
<input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____									

RECEIVED

406 12 2002

DIVISION OF

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 10/31/00		TEST DATE: 10/30/00		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: -0-		GAS – MCF: 60		WATER – BBL: -0-		PROD. METHOD: Flowing							
CHOKE SIZE: Open		TGB. PRESS. 220		CSG. PRESS.		API GRAVITY		BTU – GAS		GAS/OIL RATIO n/a		24 HR PRODUCTION RATES: →		OIL – BBL: -0-		GAS – MCF: 60		WATER – BBL: -0-		INTERVAL STATUS:	

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Randolph L. CoyTITLE PresidentSIGNATURE DATE 08/07/02

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

COMPUTALOG DRILLING SERVICES

Client : RANKEN ENERGY
Well Name : DWR #12-22 RE
Location : UNITA COUNTY, UTAH

Page : 1 of 3
Date : 8/7/02
File : 50-041

Vertical Section Calculated Along Azimuth 150°

MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDS GYRO SURVEYS									
400.00	0.30	172.13	400.00	-1.04	0.14	0.97	0.07	0.08	43.03
600.00	0.15	170.97	600.00	-1.81	0.26	1.70	0.08	-0.08	-0.58
800.00	0.63	200.00	799.99	-3.11	-0.08	2.65	0.25	0.24	14.52
1000.00	0.37	231.58	999.98	-4.54	-0.96	3.45	0.18	-0.13	15.79
1200.00	0.35	169.77	1199.98	-5.54	-1.36	4.12	0.19	-0.01	-30.90
1400.00	0.37	186.63	1399.98	-6.79	-1.32	5.21	0.05	0.01	8.43
1600.00	0.48	189.87	1599.97	-8.25	-1.54	6.38	0.06	0.05	1.62
1800.00	1.23	213.62	1799.95	-10.87	-2.87	7.97	0.41	0.38	11.88
2000.00	1.17	197.73	1999.90	-14.60	-4.69	10.30	0.17	-0.03	-7.95
2200.00	1.78	192.70	2199.84	-19.57	-5.99	13.96	0.31	0.30	-2.52
2400.00	1.32	178.78	2399.76	-24.91	-6.62	18.26	0.30	-0.23	-6.96
2600.00	1.42	172.47	2599.71	-29.67	-6.25	22.57	0.09	0.05	-3.15
2800.00	1.33	161.42	2799.65	-34.32	-5.19	27.13	0.14	-0.04	-5.53
3000.00	1.18	154.67	2999.60	-38.38	-3.56	31.46	0.11	-0.08	-3.37
3200.00	1.35	176.37	3199.55	-42.60	-2.53	35.62	0.25	0.09	10.85
3400.00	1.50	185.45	3399.49	-47.55	-2.63	39.87	0.14	0.08	4.54
3600.00	2.00	186.38	3599.40	-53.63	-3.27	44.81	0.25	0.25	0.46
3800.00	2.25	194.68	3799.26	-60.89	-4.65	50.41	0.20	0.12	4.15
4000.00	2.05	186.92	3999.12	-68.24	-6.08	56.06	0.18	-0.10	-3.88
4200.00	2.25	175.27	4198.98	-75.71	-6.19	62.47	0.24	0.10	-5.82
4400.00	2.07	166.55	4398.84	-83.13	-5.02	69.48	0.19	-0.09	-4.36
4600.00	2.25	160.83	4598.70	-90.35	-2.89	76.80	0.14	0.09	-2.86
4800.00	2.40	173.98	4798.53	-98.23	-1.16	84.48	0.28	0.08	6.57
CDS MWD SURVEYS									
4937.00	2.25	170.28	4935.42	-103.73	-0.41	89.63	0.15	-0.11	-2.70
4974.00	7.38	92.30	4972.30	-104.54	2.09	91.58	19.60	13.86	-210.76
4996.00	12.38	113.80	4993.98	-105.55	5.66	94.24	27.87	22.73	97.73
5028.00	20.31	107.70	5024.66	-108.63	14.11	101.13	25.32	24.78	-19.06
5060.00	28.88	110.60	5053.73	-113.05	26.65	111.23	27.04	26.78	9.06
5092.00	37.31	118.00	5080.53	-120.33	42.49	125.46	29.17	26.34	23.12
5124.00	45.13	123.20	5104.59	-131.12	60.57	143.84	26.66	24.44	16.25
5153.00	52.56	128.60	5123.67	-143.95	78.20	163.76	29.19	25.62	18.62
5185.00	59.25	132.50	5141.60	-161.19	98.29	188.74	23.21	20.91	12.19
5217.00	65.50	133.90	5156.43	-180.59	118.94	215.87	19.91	19.53	4.38
5249.00	72.25	136.70	5167.96	-201.81	139.91	244.73	22.62	21.09	8.75
5281.00	77.19	137.50	5176.39	-224.41	160.92	274.81	15.62	15.44	2.50
5313.00	82.63	137.80	5181.99	-247.69	182.13	305.57	17.03	17.00	0.94
5344.00	88.50	138.70	5184.39	-270.74	202.70	335.82	19.16	18.94	2.90
5376.00	93.69	139.50	5183.78	-294.91	223.64	367.22	16.41	16.22	2.50

COMPUTALOG DRILLING SERVICES

Client : RANKEN ENERGY
Well Name : DWR #12-22 RE
Location : UNITA COUNTY, UTAH

Page : 2 of 3
Date : 8/7/02
File : 50-041

Vertical Section Calculated Along Azimuth 150°

MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
5408.00	95.66	140.00	5181.17	-319.25	244.25	398.61	6.35	6.16	1.56
5440.00	96.75	139.80	5177.71	-343.59	264.74	429.93	3.46	3.41	-0.62
5470.00	95.63	139.10	5174.48	-366.25	284.13	459.25	4.40	-3.73	-2.33
5502.00	93.31	139.20	5171.98	-390.38	305.00	490.58	7.26	-7.25	0.31
5534.00	96.06	139.00	5169.37	-414.48	325.88	521.89	8.62	8.59	-0.63
5566.00	96.81	139.00	5165.78	-438.48	346.74	553.11	2.34	2.34	0.00
5598.00	93.94	139.60	5162.78	-462.63	367.51	584.41	9.16	-8.97	1.88
5629.00	92.81	140.50	5160.96	-486.36	387.38	614.89	4.66	-3.65	2.90
5661.00	92.69	140.00	5159.42	-510.93	407.82	646.39	1.61	-0.37	-1.56
5692.00	90.56	140.30	5158.55	-534.72	427.67	676.92	6.94	-6.87	0.97
5724.00	90.19	140.30	5158.34	-559.34	448.11	708.46	1.16	-1.16	0.00
5756.00	90.44	139.30	5158.16	-583.78	468.77	739.95	3.22	0.78	-3.13
5788.00	90.94	138.70	5157.77	-607.93	489.76	771.36	2.44	1.56	-1.88
5819.00	91.25	138.70	5157.18	-631.21	510.22	801.76	1.00	1.00	0.00
5851.00	94.19	138.10	5155.66	-655.11	531.44	833.06	9.38	9.19	-1.87
5883.00	95.13	137.80	5153.06	-678.80	552.80	864.25	3.08	2.94	-0.94
5915.00	95.31	137.60	5150.15	-702.37	574.24	895.39	0.84	0.56	-0.63
5946.00	95.63	137.30	5147.20	-725.10	595.11	925.51	1.41	1.03	-0.97
5978.00	95.88	137.00	5143.99	-748.44	616.76	956.55	1.22	0.78	-0.94
6010.00	93.44	137.30	5141.39	-771.82	638.45	987.65	7.68	-7.63	0.94
6042.00	93.69	139.00	5139.40	-795.61	659.76	1018.90	5.36	0.78	5.31
6073.00	94.25	139.00	5137.25	-818.95	680.05	1049.26	1.81	1.81	0.00
6105.00	94.44	138.70	5134.83	-842.98	701.05	1080.57	1.11	0.59	-0.94
6137.00	94.88	138.80	5132.23	-866.96	722.08	1111.85	1.41	1.37	0.31
6169.00	95.63	138.60	5129.30	-890.90	743.11	1143.09	2.42	2.34	-0.63
6199.00	95.81	138.70	5126.31	-913.31	762.83	1172.36	0.69	0.60	0.33
6231.00	96.75	138.60	5122.81	-937.18	783.84	1203.55	2.95	2.94	-0.31
6263.00	97.38	138.30	5118.87	-960.95	804.91	1234.66	2.18	1.97	-0.94
6295.00	95.31	139.70	5115.34	-984.95	825.77	1265.88	7.79	-6.47	4.37
6327.00	95.25	139.20	5112.39	-1009.16	846.48	1297.20	1.57	-0.19	-1.56
6359.00	93.38	139.00	5109.98	-1033.28	867.38	1328.54	5.88	-5.84	-0.63
6390.00	93.63	139.20	5108.09	-1056.67	887.63	1358.92	1.03	0.81	0.65
6422.00	94.00	138.60	5105.96	-1080.73	908.62	1390.25	2.20	1.16	-1.88
6454.00	94.38	138.10	5103.62	-1104.58	929.83	1421.51	1.96	1.19	-1.56
6486.00	94.19	138.00	5101.23	-1128.31	951.16	1452.73	0.67	-0.59	-0.31
6518.00	94.44	137.20	5098.82	-1151.87	972.68	1483.89	2.61	0.78	-2.50
6549.00	95.00	137.10	5096.27	-1174.52	993.69	1514.01	1.83	1.81	-0.32
6581.00	95.75	136.30	5093.27	-1197.71	1015.54	1545.02	3.42	2.34	-2.50
6613.00	93.94	137.10	5090.57	-1220.91	1037.41	1576.05	6.18	-5.66	2.50
6645.00	94.38	136.70	5088.25	-1244.22	1059.21	1607.13	1.86	1.38	-1.25

COMPUTALOG DRILLING SERVICES

Client : RANKEN ENERGY
Well Name : DWR #12-22 RE
Location : UNITA COUNTY, UTAH

Page : 3 of 3
Date : 8/7/02
File : 50-041

Vertical Section Calculated Along Azimuth 150°

MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
6677.00	95.06	136.80	5085.62	-1267.44	1081.07	1638.17	2.15	2.13	0.31
6709.00	95.50	136.80	5082.67	-1290.67	1102.88	1669.19	1.38	1.37	0.00
6740.00	95.69	136.80	5079.65	-1313.16	1124.00	1699.23	0.61	0.61	0.00
6772.00	95.75	135.70	5076.46	-1336.16	1146.02	1730.16	3.43	0.19	-3.44
6803.00	96.31	135.30	5073.20	-1358.15	1167.62	1760.01	2.22	1.81	-1.29
6835.00	97.19	135.20	5069.44	-1380.72	1190.00	1790.74	2.77	2.75	-0.31
6867.00	97.94	134.80	5065.23	-1403.15	1212.43	1821.38	2.65	2.34	-1.25
6898.00	97.38	134.20	5061.10	-1424.68	1234.34	1850.98	2.63	-1.81	-1.94
6930.00	98.07	133.80	5056.80	-1446.71	1257.15	1881.46	2.48	2.15	-1.25
6961.00	98.69	133.20	5052.28	-1467.82	1279.40	1910.87	2.77	2.00	-1.94
6993.00	99.50	132.70	5047.22	-1489.35	1302.52	1941.08	2.96	2.53	-1.56
7025.00	100.38	132.80	5041.70	-1510.75	1325.67	1971.18	2.77	2.75	0.31
7057.00	101.06	132.50	5035.74	-1532.05	1348.79	2001.19	2.32	2.13	-0.94
7088.00	101.63	132.70	5029.65	-1552.62	1371.17	2030.19	1.94	1.84	0.65
7120.00	103.00	132.20	5022.82	-1573.72	1394.23	2060.00	4.55	4.28	-1.56
7152.00	103.94	132.00	5015.37	-1594.59	1417.32	2089.61	3.00	2.94	-0.62
7184.00	104.63	131.30	5007.47	-1615.20	1440.50	2119.05	3.02	2.16	-2.19
7216.00	105.38	131.00	4999.19	-1635.53	1463.77	2148.30	2.51	2.34	-0.94
7248.00	106.19	130.30	4990.48	-1655.59	1487.13	2177.35	3.29	2.53	-2.19
EXTRAPOLATION TO TD									
7292.00	106.19	130.30	4978.21	-1682.92	1519.36	2217.13	0.00	0.00	0.00



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

May 10, 2004

CERTIFIED MAIL NO. 7002 0510 0003 8602 5412

Mr. Randolph L. Coy
Ranken Energy Corporation
417 W. 18th Street Suite 101
Edmond, Oklahoma 73013-3663

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated February 20, 2004.

Dear Mr. Coy,

The Division of Oil, Gas and Mining (DOGM) is in receipt of your letter dated March 3, 2004 in regards to the nine (9) shut-in wells operated by Ranken Energy Corporation (Ranken). It is our understanding Ranken is actively seeking a partner or investor for these properties to share the financial burden necessary to make these wells productive.

Based upon the proposed plan to complete this project and put these properties into production this year and other information provided at this time, DOGM approves the nine (9) wells for extended shut-in until January 1, 2005. However, in the future it will be necessary to address all requirements described in the DOGM February 20, 2004 correspondence before these properties will be considered for any additional extended SI/TA status.

For reference, Attachment A lists the wells subject to this request. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

cc Well File

Sincerely,

A handwritten signature in black ink, appearing to read "Dustin Doucet".

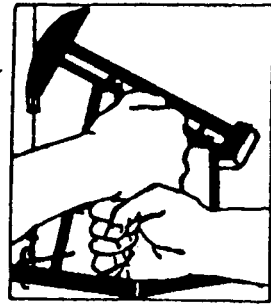
Dustin Doucet
Petroleum Engineer

	Well Name	API	Lease Type	Years Inactive
1	DWR 15-16	43-047-33346	Fee	2 Years 8 Months
2	DWR 12-22	43-047-33345	Fee	3 Years 0 Months
3	DWR 12-28	43-047-33481	Fee	3 Years 2 Months
4	DWR 14-28	43-047-33483	Fee	3 Years 3 Months
5	DWR 16-16	43-047-33489	Fee	3 Years 3 Months
6	DWR 8-29	43-047-33487	Fee	3 Years 5 Months
7	DWR 1-21	43-047-33480	Fee	3 Years 7 Months
8	DWR 14-16	43-047-33482	Fee	3 Years 7 Months
9	DWR 12-21	43-047-33344	Fee	4 Years 1 Month

Attachment A

RANKEN ENERGY CORPORATION

417 W. 18th Street, Suite 101
Edmond, Oklahoma 73013-3663
(405) 340-2363 • Fax (405) 340-2365



March 3, 2004

RE: Well Status of Ranken Energy Corporation Wells
Uintah County, Utah
Oil Springs Ranch Project

Mr. Dustin K. Doucet, Petroleum Engineer
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

RECEIVED

APR 05 2004

DIV. OF OIL, GAS & MINING

Dear Mr. Doucet:

Per our telephone discussion on this date concerning the reason why some of our wells are currently shut in on our fee leasehold and the death of my partner, please let me reiterate further. Approximately 2 years ago Ranken's largest investor/partner suddenly passed away due to an accident. He controlled 62.5% of the working interest in our project and unfortunately he had no children. His heirs are his brothers and sisters who are exceedingly older and know nothing about the oil and gas industry. His estate is currently being liquidated. Needless to say, when he passed away, no further expenditures took place in our project. Our project essentially ceased at the time of his death. Some of our wells haven't even been completed as yet. Additional zones of interest behind pipe exist in many of the wells.

We have been trying to replace this interest w/ other companies/investors for quite some time. Only in recent months, since the gas prices in the Rocky's have gained some momentum, have we been able to attract some serious consideration. We currently have some on-going dialog with seven different companies at this time. We are cautiously optimistic that a deal will be done this year, perhaps even quicker, and our project will move forward once again.

Per your request, listed below is a status report on the wells that you listed in your letter to Ranken Energy Corporation dated February 20, 2004:

1. DWR 15-16: This well was completed in the Wasatch in July 1999. New 15.5 #/ft. casing was run in the hole. A DV tool was set at 2790' and packer was set at 2717'. Top perfs are at 2803' - 13'. A plunger lift system was installed on 5-9-2000. The estimated top of cement is 700'. Current SITP is 680 PSI and SICP is 760 PSI. We

2. are planning on putting this well back on production pending the results of a short period flow test currently underway.
3. DWR 12-21: This well was completed in the Wasatch and Mesa Verde in December 1999. New 15.5 #/ft 5 1/2" casing was run in the hole. A DV tool was set at 3672'.
4. The top perfs are at 2685' – 95'. The estimated top of cement is at 722'. Current SICP is 180 PSI and the SITP is 320 PSI. This well would be part of a localized compression system that may be installed.
5. DWR 12-22: This well was completed in the Mesa Verde in December 1999. New 15.5 #/ft 5 1/2" casing was run in the hole with DV tool at 2994'. The well was later drilled out horizontally in the Mesa Verde and a subsequent completion report was filed in October 2001. The well currently has a SICP of 440 PSI and a SITP of 360 PSI. This well is also part of our compression plan. In addition, this well produces about 30-40 BWPD. A disposal well is being considered in the area to not only handle this water but also produced water from other wells on our fee block.
6. DWR 12-28: This well was completed in the Wasatch in July 2000. New 4 1/2" 10.5 #/ft casing was run in the hole. The well currently has a SICP of 320 PSI and a SITP of zero. This well has a down hole positive displacement pump installed with a 6 cylinder gas engine to turn the rod string. This well will make 200-300 BWPD and 150-250 MCFGPD. However, the cost to haul water is too great to justify. The possible SWDW mentioned above would also service this well.
7. DWR 14-28: This well was completed in the Wasatch in November 2000. New 4 1/2" 11.6 #/ft casing was run in the hole. The well currently has a SICP of 10 PSI and SITP of 10 PSI. Cement was circulated to surface after pumping a total of 975 sacks of cement. The original zones that were perforated were not commercially productive. However, there are additional zones behind pipe that remain prospective and need to be tested prior to abandonment of the wells.
8. DWR 14-16: This well was completed in the Green River formation in June 2000. New 4 1/2" 10.5 #/ft casing was run in the hole and was cemented with 725 sacks of cement. Cement was circulated to surface. The well currently has a SICP of zero and a SITP of 5 PSI. Additional potential exists in the shallower formations in this well and should be tested prior to abandonment.
9. DWR 16-16: This well was drilled and completed in the Wasatch in January 2000. New 4 1/2" 10.5 #/ft casing was run in the hole and was cemented with 755 sacks of cement. Cement was circulated to surface. The well currently has 80 PSI SICP and 80 PSI SITP. Additional potential exists in the shallower formations in this well and should be tested prior to abandonment. Both this well and the DWR 14-14 could be tied into the compression facility mentioned earlier.
10. DWR 8-29: This well was drilled and completed in the Mesa Verde and Wasatch in August 2000. New 4 1/2" 10.5 #/ft casing was run in the hole and cemented with 510 sacks cement. Cement was circulated to surface. The current SICP is zero and the current SITP is also zero. The original zones that were perforated were not

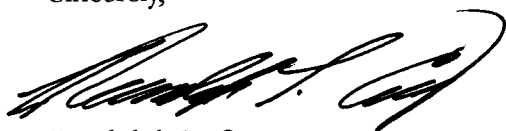
commercially productive without compression. Additional zones of interest are present behind pipe and should be tested prior to abandonment.

11. DWR 1-21: This well was drilled and completed in the Green River and Wasatch in June 2000. New 4 1/2" 10.5 #/ft casing was run in the hole and cemented with 605 sacks of cement. Cement was circulated to surface. The current SICP is 160 PSI and the current SITP is 140. This well cannot produce without the aid of compression.

As you can now see, 5 of the 9 wells listed on your report have cement to surface. The remaining 4 wells all have "produceable" pressures that either need compression help or a water disposal well. We are making progress with potential new partners and if successful, new completion work on existing wells will take place.

In summary, we respectfully request that shut in status be granted for these wells. Should you have any questions please do not hesitate to call or write. Thank you for your consideration and cooperation.

Sincerely,



Randolph L. Coy
President

RLC/adb

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: MAK-J ENERGY OPERATING COMPANY, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17TH STREET, STE 271 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400' FSL & 383' FWL		8. WELL NAME and NUMBER: DWR #12-22
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E		9. API NUMBER: 4304733345
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: WILDCAT
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>EXTEND SI PERIOD</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MAK-J ENERGY RESPECTFULLY REQUEST EXTENDED SHUT IN FOR THE ABOVE MENTIONED WELL UNTIL DECEMBER 31, 2005. ENCLOSED PLEASE FIND DIRECTIONAL SURVEY INDICATING BOTTOM HOLE LOCATION OF HORIZONTAL LEG.

NAME (PLEASE PRINT) CINDY BUSH TITLE OPERATIONS COORDINATOR
SIGNATURE *Cindy Bush* DATE 12-14-04

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 4/13/05
BY: *[Signature]*

* See attached letter dated April 13, 2005

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DEC 16 2004

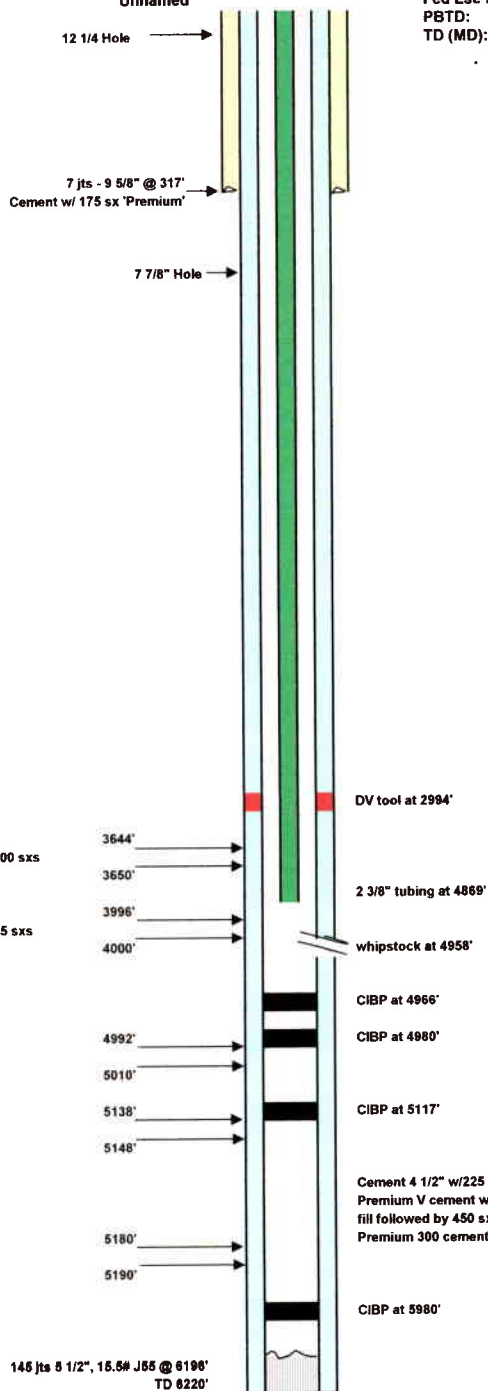
DIV. OF OIL, GAS & MINING

WELL NAME: DWR 12-22
2400' FSL & 383' FWL
LOCATION: Sec 22-12S-23E
FIELD: Unnamed

GL: 5733'
KB: 5748'
API NO: 43-047-33345
Fed Lse No:
PSTD: 4966'
TD (MD): 7292'

Surveys - straight hole

438'	1 degree
1543'	1 degree
2042'	1 degree
2602'	1 degree
3069'	1 degree
3653'	2 degree



WELL HISTORY

Spudded 12 1/4" hole 8/18/99. Drilled 12 1/4" hole to 325'. Ran 9 5/8", 36# casing and landed at 317'. Cemented with 175 sks Premium Cement containing 2% CaCl & 1/4 #sk Celloflake. Cement circulated. Drilled 7 7/8" hole. Lost circulation at 1520' and 1750'. Mud up at 1700'.

Mud log shows: 1750' - 1765': 809 units, 3635' - 3653': 955 units, 3661' - 3676': 110 units, 3687' - 3694': 118 units, 3726' - 3738': 105 units, 3816' - 3828': 238 units, 4214' - 4233': 374 units background before - increasing to 921 units, 4259' - 4272': 167 units background before - increasing to 446 units, 4277' - 4294': 282 units background before - increasing to 455 units, 4315' - 4327': 366 units background before - increasing to 901 units, 4338' - 4350': 399 units background before - increasing to 524 units, 4868' - 4884': 251 units background before - increasing to 427 units, 5176' - 5194': 44 units background before - increasing to 6311 units, 5279' - 5292': 272 units background before - increasing to 3507 units, 5518' - 5524': 162 units background before - increasing to 3136 units, 5464' - 5468': 205 units background before - increasing to 553 units, 5986' - 6025': 207 units background before - increasing to 1575 units.

Ran 145 joints 5 1/2", 15.5 #/ft J55 casing (DV tool at 2994'). Landed at 6196'. Cemented in two stages, 1st stage: 680 sxs Premium 300 cement containing 3/10 of 1% CFR-2, 1/4 #/sx flocele, 5/10 of 1% halad 9, 2% gel, 2% microbond, and 2% CBL mixed at 14.5 #/gal. Circulated 8 bbls of cement above DV tool. 2nd stage: with 225 sacks of Premium V cement containing 1% EX, 1/4 #/sx flocele, 6% gel, 2% microbond, & 3% salt mixed at 12.5 #/gal followed by 375 sxs Premium 300 containing 3/10 of 1% CFR-2, 1/4 #/sx flocele, 5/10 of 1% halad 9, 2% gel, 2% microbond, & 2% super CBL mixed at 14.5 #/gal. Circulated 35 bbls of cement at surface.

Perforated Wasatch Interval from 3996' - 4000', 4 JSPF. Rig up to swab with fluid level staying at 2500', well flowing at a rate of 4.6 bwrph. Set CIBP at 3910'. Perf Wasatch from 3644' - 3650', 4JSPF. Acidize with 750 gallons 7 1/2% acid. Drill out CIBP at 3910'. Well flowing ~ 1" - 1 1/4" stream of water. Perforated Mesaverde from 4992' - 5010', 4JSPF. Acidize w/ 1000 gals 15% acid and balls. Perforated Mesaverde from 5180' - 5190' and 5138' - 5148', 4JSPF. Set packer at 5080', acidize perfs 5138' - 5190' w/ 1250 gals 15% acid. Next morning SITP of 1450 psi. Frac w/ 20# Delta system and 30,600# 20/40 sand. Swabbed and flowed a couple of days. Release packer and set at 4938'. Turned to sales but did not sell much. Highest SITP recorded was 1840 psi. Two weeks later rigged up rig. Released packer. Well kicked off flowing. Picked up and tripped in hole w/ 3 3/4" stlm gun assembly w/ 5' propellant sleeve. Perforate from 6022' - 6028'. Run in hole w/ packer. Set at 5964'. Frac interval w/ 20# Delta system and 23,700# of 20/40 sand. Release packer and re-set at 4990'.

Set 10,000# CIBP's at the following depths: 5980', 5117', 4980', and 4966'. Cement squeeze perfs 3996' - 4000' w/ 100sxs to 3100 psi. Squeeze perfs 3644' - 3650' w/ 100 sxs to 2200 psi. Drill out squeeze. Test squeeze to 1000 psi. OK.

Set whipstock at 4958'. Cut window in 5 1/2" casing - start drilling 4 3/4" hole. Drill a total of approximately 2350' of horizontal 4 3/4" hole in a south easterly direction. (TVD = 4978, MD = 7292'). Stuck drill pipe at 6830' on clean-up trip. Bad hole below. Pick up 3 1/2", 10.3#/ft slotted liner and hanger. Ran in hole and set hanger at 4890' w/ guide shoe at 6820'. According to records slotted liner was not cemented in hole. The well is currently shut-in.

Prepared by:

TSM

Date:

12/7/2004



**UNITED
GeoCom Drilling Services**

A Computalog Ltd. & Geoservices N.A. Ltd. Joint Venture

Survey Report

OPERATOR: RANKEN ENERGY CORP.

START: 08/22/2000*

WELL: DWR #12-22 RE

FINISH: 09/19/2000*

LOCATION: UTAH CNTY, UTAH

PROPOSED DIRECTION: 150.00

MIN. CURVATURE CALCULATIONS

SUR NUM	MD ft	INCL. °	AZM. °	TVD ft	N-S ft	E-W ft	SECT. ft	DLS %/100 ft	TEMP ° F
tie in	4937.0	2.25	170.3	4935.4	-103.7	-0.4	89.6	0.00	
1	4974.0	7.38	92.3	4972.3	-104.5	2.1	91.6	19.60	
2	4996.0	12.38	113.8	4994.0	-105.5	5.6	94.2	27.87	
3	5028.0	20.31	107.7	5024.7	-108.6	14.1	101.1	25.33	
4	5060.0	28.88	110.6	5053.7	-113.0	26.6	111.2	27.03	
5	5092.0	37.31	118.0	5080.5	-120.3	42.5	125.4	29.16	
6	5124.0	45.13	123.2	5104.6	-131.1	60.5	143.8	26.70	
7	5153.0	52.56	128.6	5123.7	-143.9	78.2	163.7	29.16	
8	5185.0	59.25	132.5	5141.6	-161.2	98.3	188.7	23.18	
9	5217.0	65.50	133.9	5156.4	-180.6	118.9	215.8	19.91	
10	5249.0	72.25	136.7	5168.0	-201.8	139.9	244.7	22.67	
11	5281.0	77.19	137.5	5176.4	-224.4	160.9	274.8	15.60	
12	5313.0	82.63	137.8	5182.0	-247.6	182.1	305.5	17.04	
13	5344.0	88.50	138.7	5184.4	-270.7	202.7	335.8	19.14	
14	5376.0	93.69	139.5	5183.8	-294.9	223.6	367.2	16.39	
15	5408.0	95.66	140.0	5181.2	-319.2	244.3	398.6	6.35	
16	5440.0	96.75	139.8	5177.7	-343.5	264.8	429.9	3.43	
17	5470.0	95.63	139.1	5174.5	-366.2	284.1	459.2	4.48	
18	5502.0	93.31	139.2	5172.0	-390.3	305.0	490.5	7.26	
19	5534.0	96.06	139.0	5169.4	-414.4	325.9	521.8	8.63	
20	5566.0	96.81	139.0	5165.8	-438.4	346.8	553.1	2.34	
21	5598.0	93.94	139.6	5162.8	-462.5	367.6	584.4	9.18	
22	5629.0	92.81	140.5	5161.0	-486.3	387.4	614.8	4.60	
23	5661.0	92.69	140.0	5159.4	-510.8	407.9	646.3	1.61	
24	5692.0	90.56	140.3	5158.5	-534.6	427.8	676.9	6.98	
25	5724.0	90.19	140.3	5158.3	-559.2	448.2	708.4	1.16	
26	5756.0	90.44	139.3	5158.2	-583.7	468.8	739.9	3.22	
27	5788.0	90.94	138.7	5157.8	-607.9	489.8	771.3	2.51	
28	5819.0	91.25	138.7	5157.2	-631.1	510.2	801.7	1.00	

Target Tracker

TARGET TOP TVD 5140.00

DIP AZ 150.00

DIP DEG 2.60

BASE TARGET TVD 5209.10

DIP AZ 150.00

DIP DEG 2.60

TARGET TOP TVD	TVD TO TOP	BASE TARGET TVD	TVD TO BASE
5135.9	200.5	5205.0	269.6
5135.8	163.5	5204.9	232.6
5135.7	141.7	5204.8	210.8
5135.4	110.7	5204.5	179.8
5135.0	81.2	5204.1	150.3
5134.3	53.8	5203.4	122.9
5133.5	28.9	5202.6	98.0
5132.6	8.9	5201.7	78.0
5131.4	-10.2	5200.5	58.9
5130.2	-26.2	5199.3	42.9
5128.9	-39.1	5198.0	30.0
5127.5	-48.9	5196.6	20.2
5126.1	-55.9	5195.2	13.2
5124.8	-59.6	5193.9	9.5
5123.3	-60.4	5192.4	8.7
5121.9	-59.3	5191.0	9.8
5120.5	-57.2	5189.6	11.9
5119.1	-55.3	5188.2	13.8
5117.7	-54.3	5186.8	14.8
5116.3	-53.1	5185.4	16.0
5114.9	-50.9	5184.0	18.2
5113.5	-49.3	5182.6	19.8
5112.1	-48.9	5181.2	20.2
5110.7	-48.8	5179.8	20.3
5109.3	-49.3	5178.4	19.8
5107.8	-50.5	5176.9	18.6
5106.4	-51.8	5175.5	17.3
5105.0	-52.8	5174.1	16.3
5103.6	-53.6	5172.7	15.5



UNITED GeoCom Drilling Services

A Computalog Ltd. & Geoservices N.A. Ltd. Joint Venture

Survey Report

OPERATOR: RANKEN ENERGY CORP.

START: 08/22/2000'

WELL: DWR #12-22 RE

FINISH: 09/19/2000'

LOCATION: UINTAH CNTY, UTAH

PROPOSED DIRECTION: 150.00

MIN. CURVATURE CALCULATIONS

SUR NUM	MD ft	INCL. °	AZM. °	TVD ft	N-S ft	E-W ft	SECT. ft	DLS %/100 ft	TEMP ° F
29	5851.0	94.19	138.1	5155.7	-655.0	531.5	833.0	9.39	
30	5883.0	95.13	137.8	5153.1	-678.7	552.8	864.2	3.04	
31	5915.0	95.31	137.6	5150.2	-702.3	574.3	895.3	0.96	
32	5946.0	95.63	137.3	5147.2	-725.0	595.1	925.5	1.31	
33	5978.0	95.88	137.0	5144.0	-748.4	616.8	956.5	1.42	
34	6010.0	93.44	137.3	5141.4	-771.8	638.5	987.6	7.72	
35	6042.0	93.69	139.0	5139.4	-795.6	659.8	1018.9	5.11	
36	6073.0	94.25	139.0	5137.3	-818.9	680.1	1049.2	1.81	
37	6105.0	94.44	138.7	5134.8	-842.9	701.1	1080.5	0.98	
38	6137.0	94.88	138.8	5132.2	-866.9	722.1	1111.8	1.43	
39	6169.0	95.63	138.6	5129.3	-890.8	743.1	1143.1	2.47	
40	6199.0	95.81	138.7	5126.3	-913.2	762.8	1172.3	0.72	
41	6231.0	96.75	138.6	5122.8	-937.1	783.9	1203.5	2.96	
42	6263.0	97.38	138.3	5118.9	-960.9	804.9	1234.6	2.12	
43	6295.0	95.31	139.7	5115.3	-984.9	825.8	1265.8	7.74	
44	6327.0	95.25	139.2	5112.4	-1009.1	846.5	1297.2	1.57	
45	6359.0	93.38	139.0	5110.0	-1033.2	867.4	1328.5	5.90	
46	6390.0	93.63	139.2	5108.1	-1056.6	887.6	1358.9	1.14	
47	6422.0	94.00	138.6	5106.0	-1080.7	908.6	1390.2	2.25	
48	6454.0	94.38	138.1	5103.6	-1104.5	929.8	1421.5	1.96	
49	6486.0	94.19	138.0	5101.2	-1128.2	951.2	1452.7	0.72	
50	6518.0	94.44	137.2	5098.8	-1151.8	972.7	1483.8	2.46	
51	6549.0	95.00	137.1	5096.3	-1174.5	993.7	1514.0	1.85	
52	6581.0	95.75	136.3	5093.3	-1197.6	1015.6	1545.0	3.31	
53	6613.0	93.94	137.1	5090.6	-1220.9	1037.4	1576.0	6.12	
54	6645.0	94.38	136.7	5088.2	-1244.2	1059.2	1607.1	1.81	
55	6677.0	95.06	136.8	5085.6	-1267.4	1081.1	1638.1	2.16	
56	6709.0	95.50	136.8	5082.7	-1290.6	1102.9	1669.2	1.38	
57	6740.0	95.69	136.8	5079.6	-1313.1	1124.0	1699.2	0.61	

Target Tracker

TARGET TOP TVD 5140.00

DIP AZ 150.00

DIP DEG 2.60

BASE TARGET TVD 5209.10

DIP AZ 150.00

DIP DEG 2.60

TARGET TOP TVD	TVD TO TOP	BASE TARGET TVD	TVD TO BASE
5102.2	-53.5	5171.3	15.6
5100.8	-52.3	5169.9	16.8
5099.3	-50.8	5168.4	18.3
5098.0	-49.2	5167.1	19.9
5096.6	-47.4	5165.7	21.7
5095.2	-46.2	5164.3	22.9
5093.7	-45.7	5162.8	23.4
5092.4	-44.9	5161.5	24.2
5090.9	-43.9	5160.0	25.2
5089.5	-42.7	5158.6	26.4
5088.1	-41.2	5157.2	27.9
5086.8	-39.5	5155.9	29.6
5085.3	-37.5	5154.4	31.6
5083.9	-34.9	5153.0	34.2
5082.5	-32.8	5151.6	36.3
5081.1	-31.3	5150.2	37.8
5079.7	-30.3	5148.8	38.8
5078.3	-29.8	5147.4	39.3
5076.9	-29.1	5146.0	40.0
5075.5	-28.2	5144.6	40.9
5074.0	-27.2	5143.1	41.9
5072.6	-26.2	5141.7	42.9
5071.3	-25.0	5140.4	44.1
5069.8	-23.4	5138.9	45.7
5068.4	-22.1	5137.5	47.0
5067.0	-21.2	5136.1	47.9
5065.6	-20.0	5134.7	49.1
5064.2	-18.5	5133.3	50.6
5062.8	-16.8	5131.9	52.3



UNITED GeoCom Drilling Services

A Computalog Ltd. & Geoservices N.A. Ltd. Joint Venture

Survey Report

OPERATOR: RANKEN ENERGY CORP.

START: 08/22/2000'

WELL: DWR #12-22 RE

FINISH: 09/19/2000'

LOCATION: UINTAH CNTY, UTAH

PROPOSED DIRECTION: 150.00

MIN. CURVATURE CALCULATIONS

SUR NUM	MD ft	INCL °	AZM. °	TVD ft	N-S ft	E-W ft	SECT. ft	DL8 %/100 ft	TEMP ° F
58	6772.0	95.75	135.7	5076.5	-1336.2	1146.0	1730.1	3.52	
59	6803.0	96.31	135.3	5073.2	-1358.1	1167.6	1760.0	2.22	
60	6835.0	97.19	135.2	5069.4	-1380.7	1190.0	1790.7	2.77	
61	6867.0	97.94	134.8	5065.2	-1403.2	1212.4	1821.4	2.61	
62	6898.0	97.38	134.2	5061.1	-1424.7	1234.3	1851.0	2.71	
63	6930.0	98.06	133.8	5056.8	-1446.7	1257.1	1881.5	2.41	
64	6961.0	98.69	133.2	5052.3	-1467.9	1279.3	1910.9	2.86	
65	6993.0	99.50	132.7	5047.2	-1489.4	1302.4	1941.1	2.96	
66	7025.0	100.38	132.8	5041.7	-1510.8	1325.6	1971.2	2.78	
67	7057.0	101.06	132.5	5035.7	-1532.1	1348.7	2001.2	2.42	
68	7088.0	101.63	132.7	5029.6	-1552.7	1371.1	2030.2	2.00	
69	7120.0	103.00	132.2	5022.8	-1573.8	1394.1	2060.0	4.55	
70	7152.0	103.94	132.0	5015.4	-1594.6	1417.2	2089.6	3.03	
71	7184.0	104.63	131.3	5007.5	-1615.2	1440.4	2119.0	2.86	
72	7216.0	105.38	131.0	4999.2	-1635.6	1463.7	2148.3	2.56	
73	7248.0	106.19	130.3	4990.5	-1655.7	1487.0	2177.4	3.22	
PRJ TO T.D.	7292.0	107.40	129.6	4977.8	-1682.7	1519.3	2216.9	3.19	

Target Tracker

TARGET TOP TVD 5140.00

DIP AZ 150.00

DIP DEG 2.60

BASE TARGET TVD 5209.10

DIP AZ 150.00

DIP DEG 2.60

TARGET TOP TVD	TVD TO TOP	BASE TARGET TVD	TVD TO BASE
5061.4	-15.0	5130.5	54.1
5060.1	-13.1	5129.2	56.0
5058.7	-10.8	5127.8	58.3
5057.3	-7.9	5126.4	61.2
5055.9	-5.1	5125.0	64.0
5054.6	-2.2	5123.7	66.9
5053.2	0.9	5122.3	70.0
5051.9	4.6	5121.0	73.7
5050.5	8.8	5119.6	77.9
5049.1	13.4	5118.2	82.5
5047.8	18.2	5116.9	87.3
5046.5	23.6	5115.6	92.7
5045.1	29.7	5114.2	98.8
5043.8	36.3	5112.9	105.4
5042.4	43.3	5111.5	112.4
5041.1	50.6	5110.2	119.7
5039.3	61.6	5108.4	130.7

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DIV. OF OIL, GAS & MINING

January 17, 2005

Clinton Dworshak
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Re: Request for Extended Shut-in

Dear Mr. Dworshak,

This is a follow up letter to our late December phone discussion regarding the requested extended shut-in on our recently purchased Ranken Energy wells in Uintah County, Utah. Since our talk Mak-J Energy has collected tubing and casing pressures on all of the wells, has performed a casing integrity test on the DWR #12-28, and took the preliminary steps to convert the DWR #12-28 well into a produced water disposal well. Pressures were recorded on December 20th and the results are as follows:

	<u>Tubing</u>	<u>Casing</u>
DWR #14-28	285 psi	285 psi
DWR #12-21	165 psi	?
DWR #12-22	280 psi	415 psi
DWR #14-16	0 psi	0 psi
DWR #15-16	760 psi	760 psi
DWR #16-16	80 psi	80 psi
DWR #1-21	150 psi	150 psi
DWR #5-28	producing	
DWR #12-28	integrity test performed	

As mentioned in my earlier letter, tubing and casing pressures will be monitored and recorded on a quarterly basis. Mak-J Energy believes quarterly monitoring of wellhead pressures is an effective tool to verify casing integrity. Most casing failures are due to corrosive waters coming into contact with un-cemented pipe. All of the wells in the field, during the cementing of each production string, circulated cement to surface. Indicating, in all likelihood, the protection of the pipe is good. If a casing leak did occur one would think the casing would fill with water and both the tubing and casing pressure would go to zero. Initial reservoir pressure of these wells is normal or slightly below normal pressures (< 0.433 psi/ft). Although the DWR #14-16 has no pressure on the tubing and/or casing, in this



MAK-J Energy Operating Company, LLC
370 17TH Street, Suite 2710
Denver, Colorado, 80202

303-468-0090 VOICE
303-468-0092 FAX

instance, I do believe the well has casing integrity. This well is perforated near the surface (620' – 670') in the Green River Formation. This interval tested wet and after 4 days of being shut-in on initial completion, with a packer in the hole, the tubing registered 0 psi.

Mak-J Energy plans to re-complete the DWR #12-21 well. Mak-J Energy has filed for four (4) drilling permits in the immediate area. We also began staking an additional 16 on January 13th. It is anticipated that drilling will occur sometime in July with completion operations taking place in August. Mak-J proposes to re-complete the DWR #12-21 in the Mesaverde Formation in August / September of this year when services are in the immediate area.

Mak-J Energy performed the necessary pump in tests on the DWR #12-28 to convert it to a salt water disposal well. It is imperative that a cheaper way to dispose of water in this area be found. Unfortunately, this well proved to have to low of permeability in the interval chosen to dispose of water into. Pressures were exceedingly high at low injection rates and the conversion of this well has been canceled. Another candidate will have to be chosen. Again, this will take place this summer. A casing integrity test however was performed on this well. The casing was tested to 2,550 psi and held for 30 minutes with 6 psi of falloff (see enclosed job log).

Again, Mak-J Operating Company, LLC respectfully requests continued shut-in status be granted to these wells until December 31, 2005. If you have any questions in regards to the above matters please do not hesitate and contact me at (303) 339-5873.

Sincerely,

A handwritten signature in cursive script, reading "Todd S. McDonald".

Todd S. McDonald
Vice President

December 7, 2004

Dustin K. Doucet
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining

Re: Request for Extended Shut-in

RECEIVED
DEC 16 2004
DIV. OF OIL, GAS & MINING

Dear Mr. Doucet,

Mak-J Energy Operating Company, LLC recently purchased certain oil and gas assets from Ranken Energy Corp., Edmond, Oklahoma. These assets include 10 wells and associated equipment generally located in Sections 16 – 28, T12S-R22E, Uintah County. The wells are located on lands owned by the Division of Wildlife. One (1) of the ten wells is currently producing. Mak-J officially took over operations on August 1st, 2004.

This letter is in reference to your letter to Ranken Energy dated May 10, 2004 granting extended shut-in for nine wells until January 1, 2005. Enclosed are 9 Sundry Notices requesting continued shut-in status for these wells. Since July of this year Mak-J has amassed approximately 37,000 gross acres in and around these properties. We currently have four Applications for Permit to Drill pending with the Bureau of Land Management, Vernal. It is our intent to be extremely active in this area and hopefully build it into a core area for this company. We are currently working the regional geology and reviewing well histories in an attempt to learn these properties in greater detail. Based upon our current studies our plans for the property are as follows:

1. Convert the DWR #12-28 (API #43-047-33481) into a salt water disposal well
2. Re-complete, open new pay, and fracture stimulate the DWR #12-21 (API #43-047-33344)

In order to make the wells in this area economic to operate it is essential one finds a cheaper way to dispose of produced water. Currently, produced water is being trucked to Ace Disposal, approximately 10 miles west of Vernal at a cost of approximately \$2.00 per barrel. These wells cannot support this expense. Submittal of our application for an underground water disposal permit is approximately 2 weeks away. Because these lands are located in "Indian Country" the permitting process is administered by Region 8 of the Environmental Protection Agency. The filing process and paper work is long and tedious.

I am sure you are well aware activity in the basin is at an all time high. The recent Federal lease sale is proof of this. The heightened activity is due primarily to the success operators are experiencing drilling and completing Mesaverde wells. In the past most completion attempts have been in the shallower Wasatch Formation. The DWR #12-21 well is completed both in the Mesaverde and the Wasatch. However, coals in the Mesaverde interval were

perforated not the sands. It is Mak-J's intent to cement squeeze the existing perforated intervals in both the Mesaverde and Wasatch Formations and then perforate sands within the Mesaverde group and fracture stimulate. It is anticipated that 4 separate fracture treatments will be done on this well. Due to the remote nature of the well in addition to the competitive nature of securing services (pump trucks, pulling units, consultants) it is our intent to perform this operation as part of our larger drilling/completion program. According to the BLM we should be receiving approved APD's sometime around April of next year.

Because of the aforementioned Mak-J is requesting extended shut-in of the nine wells until December 31, 2005.

Enclosed are wellbore diagrams of the nine wells. In every instance new casing was run and cemented in the well. It is highly unlikely in just 5 years time that any of the casings has failed. Especially in light of the fact most primary cement work involved the pumping of two stages of cement using DV tools to assure high cement lift. In fact 7 of the 9 wells circulated cement to surface. To ensure casing integrity Mak-J proposes to monitor and record surface pressures, both tubing and casing, on a quarterly basis. The wells have been shut in long enough that any variations in surface pressures from quarter to quarter may indicate a potential problem. If that is the case Mak-J will expedite a rig to location and verify integrity or lack thereof. In the case of the latter and after approval is granted by the State, operations will be immediately undertaken to either cure the problem or abandon the well.

Again, Mak-J Operating Company, LLC respectfully requests continued shut-in status be granted to these wells until December 31, 2005. If you have any questions in regards to the above matters please do not hesitate and contact me at (303) 339-5873.

Sincerely,



Todd S. McDonald
Vice President



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 13, 2005

Mak-J Energy Operating Company, LLC
Attn: Todd S. McDonald
370 17th Street, Suite 271
Denver, CO 80202

Re: Approval for Extension of Shut-in or Temporarily Abandoned Status for Wells
on Fee or State Leases

Dear Mr. McDonald,

The Division of Oil, Gas and Mining (the "Division") is in receipt of your letters dated December 7, 2004 (received by the Division on December 16, 2004) and January 17, 2005 (received by the Division on January 24, 2005) in regards to the ten (10) shut-in or operation suspended wells operated by Mak-J Energy Operating Company, LLC (Mak-J). The Division understands that Mak-J intends to recompleteness 1 well immediately (Sundry Notice of Intent approved April 1, 2005 for the DWR # 12-21 well) and intends to evaluate the other 9 wells for future potential based on results of this recompleteness and other wells that are scheduled to be drilled this summer.

Mak-J has provided explanations of integrity and will continue monitoring pressures on a quarterly basis to ensure continued integrity. All wells appear to have stable pressures and cement circulated to or near surface. If there is a change in pressures, Mak-J will do a casing integrity test and make any repairs necessary to restore integrity.

Based on the submitted information and plan of action, the Division approves your request for extended SI/TA for the 10 SI/TA wells on Fee leases (see attachment A) until January 1, 2006. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	DWR 15-16	43-047-33346	Fee	3 Years 8 Months
2	DWR 12-22	43-047-33345	Fee	4 Years 0 Months
3	DWR 12-28	43-047-33481	Fee	4 Years 2 Months
4	DWR 14-28	43-047-33483	Fee	4 Years 3 Months
5	DWR 16-16	43-047-33489	Fee	4 Years 3 Months
6	DWR 8-29	43-047-33487	Fee	4 Years 5 Months
7	DWR 1-21	43-047-33480	Fee	4 Years 7 Months
8	DWR 14-16	43-047-33482	Fee	4 Years 7 Months
9	DWR 12-21	43-047-33344	Fee	5 Years 1 Month
10	DWR 2-21	43-047-33484	Fee	4 Years 10 Months

MAK-J ENERGY																		
Tubing & Casing Pressures of SI Wells																		
Well #	12-28		14-28		12-21		12-22		14-16		15-16		16-16		1-21		8-29	
Date	Tbg#	Csg#	Tbg#	Csg#	Tbg#	Csg#	Tbg#	Csg#	Tbg#	Csg#	Tbg#	Csg#	Tbg#	Csg#	Tbg#	Csg#	Tbg#	Csg#
3/1/04	0	320	10	10	320	180	360	440	5	0	680	760	80	80	140	160	0	0
12/6/04	0	360	285	285	165	185	280	415	0	0	760	760	80	80	150	150	0	0
3/19/05	260	260	285	285	260	185	280	415	0	0	760	760	80	80	150	150	0	0

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: MAK-J ENERGY PARTNERS, LTD		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SEE ATTACH
3. ADDRESS OF OPERATOR: 370 17TH ST STE 2710 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: OIL SPRINGS
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED LIST		8. WELL NAME and NUMBER: SEE ATTACHED
PHONE NUMBER: (303) 339-5871		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EFFECTIVE DATE: August 23, 2004

OLD OPERATOR:

RANKEN ENERGY CORP. N 6250
417 W. 18TH STREET SUITE
EDMOND, OKLAHOMA 73013-3663
405-340-2363

NEW OPERATOR:

MAK-J ENERGY PARTNERS, LTD N 2670
370 17TH STREET, SUITE 2710
DENVER, CO 80202
303-468-0090

PLEASE SEE ATTACHED WELL LIST.

State Fee Bond # SLCPPDX02546

RANDOLPH COY
PRESIDENT
RANKEN ENERGY CORP.

NAME (PLEASE PRINT) STEVE VAN HOOK	TITLE VICE PRESIDENT
SIGNATURE 	DATE 8/23/2004

(This space for State use only)

RECEIVED

AUG 25 2004

DIV. OF OIL, GAS & MINING

[illegible]

MAK-J ENERGY

370 17th Street, Suite 2710
Denver, Colorado, 80202

303-468-0090 VOICE
303-468-0092 FAX

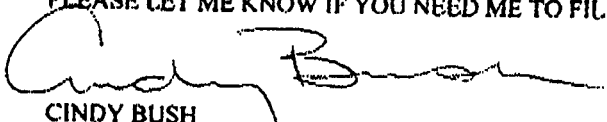
STATE OF UTAH
EARLENE

MAK-J ENERGY PARTNERS LEFT OFF OR FORM 9 OPERATOR CHANGE TWO WELLS THAT
THE LOCATION WAS BUILT.

PLEASE ADD TO YOUR LIST.

DWR #2-21 - 43-047-33484
DWR #3-21 - 43-047-33485

PLEASE LET ME KNOW IF YOU NEED ME TO FILL OUT ANOTHER SUNDRY.



CINDY BUSH
OPERATIONS COORDINATOR

APPROVED 9114104
ER
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
SEP 02 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

8/23/2004

FROM: (Old Operator):

N6250-Ranken Energy Corp

417 W 18th St, Suite 101

Edmond, OK 73013-3663

Phone: 1-(405) 340-2363

TO: (New Operator):

N2670-MAK-J Energy Partners, LTD

370 17th St, Suite 2710

Denver, CO 80202

Phone: 1-(303) 468-0090

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
DWR 5-28	28	120S	230E	4304733343	12605	Fee	GW	P
DWR 12-21	21	120S	230E	4304733344	12606	Fee	GW	S
DWR 12-22	22	120S	230E	4304733345	12640	Fee	GW	S
DWR 15-16	16	120S	230E	4304733346	12641	Fee	GW	S
DWR 1-21	21	120S	230E	4304733480	12811	Fee	GW	S
DWR 12-28	28	120S	230E	4304733481	12810	Fee	GW	S
DWR 14-16	16	120S	230E	4304733482	12812	Fee	GW	S
DWR 14-28	28	120S	230E	4304733483	12813	Fee	GW	S
DWR 8-29	29	120S	230E	4304733487	12815	Fee	GW	S
DWR 16-16	16	120S	230E	4304733489	12814	Fee	GW	S
DWR 2-21	21	120S	230E	4304733484		Fee	GW	LA TA
DWR 3-21	21	120S	230E	4304733485		Fee	GW	LA

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/25/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/25/2004 & 9/2/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/30/2004
- Is the new operator registered in the State of Utah: YES Business Number: 5690747-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: To Follow
- Inspections of LA PA state/fee well sites complete on: 8/31/2004

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 8/31/2004 & 9/14/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 8/31/2004 & 9/14/2004
3. Bond information entered in RBDMS on: 8/31/2004 & 9/14/2004
4. Fee/State wells attached to bond in RBDMS on: 8/31/2004 & 9/14/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE AND STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number SLCPPDX02546
2. The FORMER operator has requested a release of liability from their bond on: 8/24/2004
The Division sent response by letter on: 9/1/2004

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 8/31/2004 & 9/14/2004

COMMENTS:

Two LA wells had locations built by Ranken; the DWR 2-21 had surface casing set.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

8. WELL NAME and NUMBER:

DWR 12-22

9. API NUMBER:

4304733345

10. FIELD AND POOL, OR WILDCAT:

Oil Springs

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

Enduring Resources, LLC

3. ADDRESS OF OPERATOR:

475 17th Street, Suite 1500 CITY Denver

STATE CO

ZIP 80202

PHONE NUMBER:

(303) 350-5719

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2400' FSL - 383' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name/Number</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change.</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well Name Change From: DWR 12-22

Well Name Change To: DWR 12-23-13-22

Utah State Bond #RLB0008031

Operator No. N2750

NAME (PLEASE PRINT) Evette Bissett

TITLE Regulatory Compliance Assisnat

SIGNATURE Evette Bissett

DATE 8/30/2006

(This space for State use only)

RECEIVED

SEP 05 2006

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

8/15/2006

FROM: (Old Operator): N2670-Mak-J Energy Operating, LLC 370 17th St, Suite 2710 Denver, CO 80202 Phone: 1-(303) 339-5871	TO: (New Operator): N2750-Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, CO 80202 Phone: 1-(303) 350-5102
---	--

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
DWR 12-23-12-28	28	120S	230E	4304733343	12605	Fee	GW	P
DWR 12-23-13-21	21	120S	230E	4304733344	12606	Fee	GW	P
DWR 12-23-13-22	22	120S	230E	4304733345	12640	Fee	GW	S
DWR 12-23-34-16	16	120S	230E	4304733346	12641	Fee	GW	S
DWR 12-23-41-21	21	120S	230E	4304733480	12811	Fee	GW	S
DWR 12-23-13-28	28	120S	230E	4304733481	12810	Fee	GW	S
DWR 12-23-24-16	16	120S	230E	4304733482	12812	Fee	GW	S
DWR 12-23-24-28	28	120S	230E	4304733483	12813	Fee	GW	S
DWR 12-23-31-21	21	120S	230E	4304733484	14411	Fee	GW	OPS
DWR 12-23-42-29	29	120S	230E	4304733487	12815	Fee	GW	S
DWR 12-23-44-16	16	120S	230E	4304733489	12814	Fee	GW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/11/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/11/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/22/2005
- Is the new operator registered in the State of Utah: YES Business Number: 5771233-0161
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/11/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/11/2006
- Bond information entered in RBDMS on: 10/11/2006
- Fee/State wells attached to bond in RBDMS on: 10/11/2006
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0008031
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/11/2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: MAK-J ENERGY OPERATING COMPANY, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17TH STREET CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 339-5871		8. WELL NAME and NUMBER: DWR 12-22 12-23-13-22
		9. API NUMBER: 4304733345
		10. FIELD AND POOL, OR WILDCAT: OIL SPRINGS

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2400 FSL, 383 FWL COUNTY: Uintah

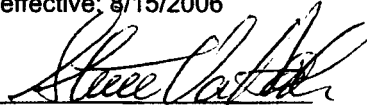
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

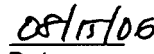
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Mak-J Energy Operating, LLC has sold its interest in the above referenced well to Enduring Resources, LLC
effective: 8/15/2006


Steve Van Hook, Vice President
Mak-J Energy Operating, LLC (N2670)
370 17th Street, Suite 2710
Denver, CO 80202


Date

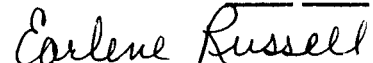

Alex B. Campbell, Vice President
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, CO 80202


Date

NAME (PLEASE PRINT) Steve Van Hook TITLE Vice President
SIGNATURE  DATE 8/15/2006

(This space for State use only)

APPROVED 10/11/06


Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

OCT 11 2006

DIV. OF OIL, GAS & MINING

May 20, 2008

Sent via Certified Mail

Enduring Resources, LLC
Attn: Alex Campbell
475 17th Street, Suite 1500
Denver, CO 80202

The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, TX 77002-5215

Re: Notice of Lease Termination and Demand for Release

Oil and Gas Lease dated March 30, 1999, covering 8060.10 acres, more or less,
Township 12 South, Range 23 East and Township 13 South, Range 23 East,
Uintah County, Utah (copy enclosed)

Gentlemen:

Pursuant to my telephone conversation with Alex Campbell on May 13, 2008, we wish to inform you that the subject oil and gas lease ("Lease") has terminated for your failure to comply with provision 7 of said Lease. Specifically, your drilling rig was released on March 5, 2007, at 10:00 pm from your DWR 12-23-31-21 well location according to the information furnished by your office. As a result of your cessation of operations lasting more than one hundred eighty (180) consecutive days, said Lease terminated as to all lands and depths except those producing from the Proration Units (as defined in said Lease) for the DWR #5-28 well and the DWR #12-21 well, on or about September 2, 2007.

Also, our records show that we have not received any shut-in payments as provided for in provision 9 of said Lease. This provision clearly states, "...Should such shut-in royalty payments not be made in a timely manner as provided for above, then, in that event, it shall be considered for all purposes that there is no production of gas from any such well or wells and, unless this Lease is being maintained by any other preservative provision hereof, this Lease shall terminate automatically at midnight on the last day provided for the payment of such shut-in royalties, and Lessee shall thereupon furnish to Lessor a release of all of its interest in and to this Lease as provided in Section 17...." For your information, we enclose Exhibit "B" from the Assignment, Conveyance and Bill of Sale of said Lease unto Enduring Resources, LLC, et al, showing the "shut-in" status of numerous wells on the leased premises.

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

Enduring Resources, LLC
The Houston Exploration Company
May 20, 2008
Page Two

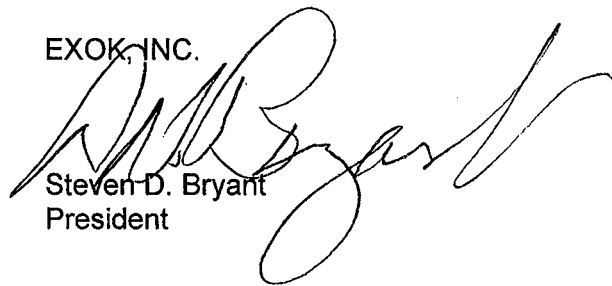
Further, since your acquisition of the lease in August of 2006, we have not received any of the data and information required in items A, B, C, and E of provision 15. Notifications Required of said Lease. Please furnish all required data and information immediately.

If within thirty (30) days from the date hereof we do not receive a fully executed, recordable release and plat showing the proration units designated by you in accordance with Section 17 of said Lease, we will pursue all remedies available to us in the appropriate court of law, including without limitation, all our costs and expenses (including attorneys fees and expenses) as set forth in provision 18. Indemnification of said Lease.

If you have any questions or comments, I can be reached at 405.627.6025.

Sincerely,

EXOK, INC.

A handwritten signature in black ink, appearing to read "S. D. Bryant", written over the typed name and title.

Steven D. Bryant
President

SDB:mkb
Enclosures

cc: Utah Royalty Owners Association
Box 192
Roosevelt, UT 84066

✓ State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Exhibit "B"

Attached to and made a part of that certain Assignment, Conveyance and Bill of Sale dated August 15, 2006 by and between MAK-J Energy Partners, Ltd, as Assignor and Enduring Resources, LLC, etal, as Assignee.

<u>Well</u>	<u>API No.</u>	<u>Location</u>	<u>Status</u>
<u>Oil Springs Area</u>			
	DWR 12-23-13-22		
DWR 1-21	43-047-33480-00-00	NENE of Section 21-T12S-R23E	Shut in
DWR 2-21	43-047-33484-00-00	NWNE of Section 21-T12S-R23E	Surface pipe only-APD rescinded
DWR 3-21	43-047-33485-00-00	NENW of Section 21-T12S-R23E	Location built-APD rescinded
DWR 4-21	43-047-33486-00-00	NWNW of Section 21-T12S-R23E	Surveyed location only-APD rescinded
DWR 5-28	43-047-33343-00-00	SWNW of Section 28-T12S-R23E	<u>Producing</u>
DWR 8-29	43-047-33487-00-00	SENE of Section 29-T12S-R23E	Shut in
DWR 10-29	43-047-33488-00-00	NWSE of Section 29-T12S-R23E	Surveyed location only
DWR 12-21	43-047-33344-00-00	NWSW of Section 21-T12S-R23E	<u>Producing</u>
DWR 12-22	43-047033345-0-00	NWSW of Section 22-T12S-R23E	Shut in
DWR 12-28	43-047-33481-00-00	NWSW of Section 28-T12S-R23E	Shut in
DWR 14-16	43-047-33482-00-00	SESW of Section 16-T12S-R23E	Shut in (no surface equip)
DWR 14-28	43-047-33483-00-00	SESW of Section 28-T12S-R23E	Shut in (no surface equip)
DWR 15-16	43-047-33346-00-00	SWSE of Section 16-T12S-R23E	Shut in
DWR 16-16	43-047-33489-00-00	SESE of Section 16-T12S-R23E	Shut in
DWR 16-29	none	SESE of Section 29-T12S-R23E	Location only-APD not issued

End of Exhibit "B"

OIL AND GAS LEASE

This Agreement, made and entered into this 30th day of March, 1999 by and between Exok, Inc., an Oklahoma corporation whose address is 6410-B North Santa Fe, Oklahoma City, Oklahoma 73116, as Lessor, and Ranken Energy Corporation, whose address is 601 N. Kelly, Suite 103, Edmond, Oklahoma 73003-4855, as Lessee, Witnesseth:

1. That Lessor, in consideration of the cash bonus in hand paid, of the royalties herein provided, and of the agreements of Lessee herein contained, hereby grants, leases and lets exclusively unto Lessee for the sole and only purpose of exploring, drilling and operating for and producing oil and gas and of laying pipeline, storing oil and building tanks, roads, and structures thereon to produce, save, care for, treat and transport said substances produced from the land leased hereunder, the following described land (sometimes referred to in this lease as the "leased premises"), to wit:

Patented Placer Mining Claims, County of Uintah, State of Utah

Parcel I

Bitter Creek Nos. 2, 3, 4, 5, 6, 7, 8, 9 and 10.
Hydrocarbon Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12.
Denver-Los Angeles Nos. 1, 2, 3, 4, 5, 6, 7, 8, and 9.
Seep Ridge Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11.
Button Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12.
Button Hole Nos. 1, 2 and 3.
Gasoline Nos. 1, 2, 3, 4, 5, 6, 7, 8, 11 and 12.

Parcel II

Bitter Creek No. 1.
Gasoline No. 9.
Gasoline No. 10.

Insofar and only insofar as said Patented Placer Mining Claims cover the lands specifically located in the governmental sections set forth below:

Township 12 South, Range 23 East, S.L.M.

All or part of Sections 16,17,19,20,21,22,27,28,29,32,33,34 and 35;

Township 13 South, Range 23 East, S.L.M.

All or part of Sections 2,3,4,5,8,9,10 and 11

containing approximately 8060.10 acres, more or less.

Lessor expressly reserves and retains from this lease all of that portion of the Patented Placer Mining Claims described hereinabove insofar and only insofar as said mining claims cover lands located in governmental Sections 14,15,16,17,18,19,20,21,22 and 29, Township 13 South, Range 23 East, S.L.M. together with all rights of ingress and egress over and across the leased premises reasonably necessary to enable Lessor, its' successors or assigns, to develop, operate and produce wells on the lands reserved herefrom.

2. **Term.** Subject to the provisions hereinafter contained, this Lease shall be for a term of five (5) years from this date (hereinafter referred to as "primary term"), and so long thereafter as oil and gas, or either of them, is produced in paying quantities from the leased premises, or operations are conducted as hereinafter provided. Upon the termination or any partial termination of this Lease, Lessee shall prepare, execute and deliver to Lessor a recordable release of such acreage in accordance with Section 17 of this Lease.

At the expiration of the primary term, this Lease shall automatically terminate as to all lands except those included in a proration unit attributable to a well capable of producing oil and/or gas in paying quantities unless operations are then being conducted in accordance with the Continuous Development provisions of Section 6 below or the Additional Drilling or Reworking provisions of Section 7 below, in which case the terms of Sections 6 and 7 shall control.

If at the expiration of the primary term, this Lease is perpetuated by production of oil and/or gas in paying quantities, then, with respect to each proration unit on the leased premises, this Lease shall automatically terminate as to all rights granted by this Lease below 100 feet below the deepest depth from which oil and/or gas is then being produced. Provided, however, if at the expiration of the primary term, Lessor is engaged in drilling an additional well or wells pursuant to the provisions of Section 6 of this Lease, then this Lease shall not terminate with respect to the depths described in this paragraph so long as development continues in accordance with the terms of Section 6 of this Lease. Furthermore, if at the expiration of the primary term, Lessee is engaged in deepening an existing well, then for purposes of this paragraph only, the deepening of an existing well will be considered a continuous development operation under Section 6 of this Lease, and so long as Lessee continues developing the leased premises in accordance with the terms of Section 6, the rights to the depths described in this paragraph will not terminate.

If at any time after the expiration of the primary term, should the deepest producing formation attributable to any proration unit on this Lease cease to produce in paying quantities, then Lessee shall have one hundred eighty (180) days to begin either deepening that well or commencing the drilling of another well or wells on that proration unit in accordance with the provisions of Section 7 of this Lease, or this Lease, insofar as it covers such proration unit, shall automatically terminate with regard to all depths below 100 feet below the deepest depth from which oil and/or gas is then being produced.

To the extent that any part of this Lease remains in effect, Lessee shall retain such easements across the terminated portions of the Lease as shall be reasonably necessary for ingress and egress to enable Lessee to develop and operate the remaining portion of this Lease.

3. **Obligation Wells.** Lessee covenants and agrees to drill, or cause to be drilled, four (4) test wells (hereinafter referred to as "Obligation Wells") during the first year of the primary term hereof; locations for such Obligation Wells to be chosen by Lessee's geologists.

In order to qualify as an Obligation Well, each such well drilled hereunder shall be drilled to a minimum depth sufficient to test the Wasatch formation. Except as provided in Section 16 herein, failure by Lessee to cause or commence the actual drilling of all four (4) Obligation Wells on or before March 29, 2000 shall constitute and result in the automatic termination of this lease, except as to the proration unit for each such well previously drilled and capable of producing oil and/or gas in paying quantities and designated by Lessee in writing as hereafter provided. The only other penalty for Lessee's failure to timely commence all four (4) Obligation Wells shall be the loss of all additional rights earnable hereunder.

4. **Royalty.** Lessee covenants and agrees to pay Lessor the following royalties monthly, subject to the provisions of Section 5 hereof:

(a) 15.75% of 8/8ths of the gross proceeds of all oil and other liquid hydrocarbons recovered or separated on the leased premises, produced and saved from the leased premises and sold by Lessee in an arms' length transaction; and as to such oil and other liquid hydrocarbons not sold by Lessee in an arms' length transaction, royalties of that share or percentage calculated by using the highest price, plus premium, if any, paid or offered for oil and other liquid hydrocarbons of comparable quality in the general area where produced and when run; or after sixty (60) days written notice from Lessor, which notice may be given from time to time, Lessee shall deliver free of cost to Lessor at the well, or to the credit of Lessor into the pipeline to which the well is connected, such share or percentage of all oil and other liquid hydrocarbons produced and saved from the leased premises; and

(b) 15.75% of 8/8ths of the gross proceeds received by Lessee for all gas recovered or separated on the leased premises, produced from the leased premises and sold by Lessee in an arms' length transaction; and as to such gas not sold by Lessee in an arms' length transaction, royalties of that share or percentage calculated by using the highest price paid or offered for gas of comparable quality in the general area where produced and when run.

5. **Royalty.** (a) Lessee shall pay Lessor royalty on all oil and other liquid hydrocarbons, including condensate, and on all gas, including all substances contained in such gas, (all hereinafter collectively called "Products" and each individually called a "Product") produced from a well on the leased premises, whether or not such Products are produced to the credit of Lessee or sold under a contract executed by or binding on Lessee, and;

(b) In no event shall Lessor's royalty for a Product be based on a price less than the price paid Lessee for Lessee's share of that Product produced hereunder. For purposes of this lease, an arms' length transaction is a sale of a Product by Lessee to a buyer not affiliated with Lessee or with any subsidiary or other affiliate of Lessee under an agreement negotiated in good faith by all parties. Lessor shall not bear any production or post-production cost or expense, including without limitation, cost or expense for storing, separating, dehydrating, transporting, compressing, treating, gathering, or otherwise rendering marketable or marketing the Products, and Lessee shall make no deduction or reduction for any such cost or expense when computing any royalty due Lessor under this Lease.

6. **Continuous Development.** At the end of the primary term or upon the completion of any well then drilling on the leased premises as a well capable of producing in paying quantities or as a dryhole (completion being the release of the completion rig, or if the well is a dry hole, the release of the drilling rig), Lessee shall have the recurring right for one hundred eighty (180) days thereafter, to commence the drilling of another well or wells on the leased premises (commencement being the actual spudding of the succeeding well), with no more than one hundred eighty (180) days elapsing between the completion of one well as a producer or a dryhole and the commencement of the next succeeding well. Failure to commence such additional well or wells within the time herein provided, shall terminate this Lease ipso facto as to all lands except those included within the surface boundaries of any proration unit otherwise being maintained under the provisions of this Lease. Lessee shall also have the right to accelerate the drilling of additional wells and thereby accumulate and perpetuate this Lease for an additional one eighty (180) days for each additional well drilled in accordance herewith. Lessee's right to accumulate additional time hereunder is expressly limited to wells other than the four (4) Obligation Wells provided for in Section 3 above.

7. **Additional Drilling or Reworking.** If, at the expiration of the primary term, or the expiration of any extended term provided in Section 6 above, whichever is later, oil and/or gas are being produced in paying quantities, but production thereafter ceases from any cause this Lease shall not terminate as to the proration unit attributable to the well or wells affected thereby if Lessee commences reworking or additional actual drilling within one hundred eighty (180) days thereafter, and such reworking or additional drilling is diligently prosecuted with no cessation of more than one hundred eighty (180) consecutive days, and production in paying quantities thereafter resumes.

If, at the expiration of the primary term, or the expiration of any extended term provided in Section 6 above, whichever is later, oil and/or gas are not then being produced from any well or wells on the leased premises, but Lessee is then engaged in operations (as defined hereinafter) on any such well or wells, this Lease shall remain in force for so long as such operations are diligently prosecuted with no cessation of more than one hundred eighty (180) consecutive days between such cessation and the resumption of such operations. If such operations result in the production of oil or gas in paying quantities, this Lease shall not terminate as to the proration unit attributable to the well or wells then producing oil or gas in such quantities; but this Lease shall terminate as to all other acreage unless Lessee shall have commenced drilling a new well or wells in accordance with the Continuous Development provisions of Section 6 of this Lease.

Wherever used in this Lease the word "operations" shall mean operations for and any of the following: actual drilling, testing, completing, sidetracking, reworking, recompleting, deepening, plugging back or repairing of a well in search for or in an endeavor to obtain production of oil or gas in paying quantities.

8. **Right to Take Production in Kind.** Lessor shall always have the right, at any time and from time to time, upon reasonable written notice to Lessee, to take Lessor's share of oil, gas and processed liquids in kind. Lessor may elect to take Lessor's gas in kind at the well, or at the point of delivery where Lessee delivers Lessee's gas to any third party. If gas is processed, lessor may elect to take Lessor's share of the residue gas attributable to production from the leased premises, at the same point of delivery where Lessee received its share of residue gas or has its share of residue gas delivered to a third party. Lessor may elect to have its royalty share of processed liquids stored in tanks at the plant or delivered into pipelines on the same basis as Lessee's share of liquids is stored or delivered. Lessor shall reimburse Lessee for all reasonable costs incurred by Lessee in installing, operating or maintaining additional facilities necessary for Lessor's royalty gas and processed liquids to be separately metered, accounted for, and delivered to a third party, but Lessor shall not be charged for any expense in the production, gathering, dehydration, separation, compression, transportation, treatment, processing or storage of Lessor's share of gas and processed liquids along with Lessee's share of gas and processed liquids.

9. **Shut-in Payments.** While there is a well on the leased premises capable of producing gas in paying quantities but the production thereof is shut-in, shut-down or suspended for lack of a market, available pipeline, or because of government restrictions or, if it is economically inadvisable for Lessee to sell gas for a time, then, Lessee may pay as shut-in royalty on or before ninety (90) days after the date on which (1) production from any such well is shut-in, shut-down or suspended; or (2) this Lease is no longer maintained by compliance with one of the other preservation provisions hereof, whichever is the later date, and thereafter at annual intervals the sum of One Hundred Dollars (\$100.00) per well, for each and every shut-in, shut-down or suspended well. If such payment is made in accordance with the terms hereof, this Lease shall not terminate, but shall continue in force for a period of one (1) year from the date of making such shut-in payment (subject to the exceptions set out hereafter) and it will be considered that gas is being produced from the leased premises in paying quantities within the meaning of each pertinent provision of this Lease. Any shut-in royalty payment shall not be a credit against production nor credited with prior production royalty. In the event that production is begun or resumed during the year following the payment of a shut-in royalty payment and is subsequently shut-in, during such year the second annual shut-in payment shall be due and payable on the anniversary date of the first payment. If there is production on such first anniversary date and the well is subsequently shut-in, shut-down or suspended, then the second shut-in payment shall be made on or before ninety (90) days after such new shut-in date or the Lease shall terminate. Notwithstanding anything to the contrary set out above, should the shut-in period extend beyond the expiration of the primary term such shut-in provision will maintain the rights granted by this Lease only to the producing units and horizons of such gas well(s) as if they were producing gas in paying quantities pursuant to Section 2 above. Should such shut-in royalty payments not be made in a timely manner as provided for above, then, in that event, it shall be considered for all purposes that there is no production of gas from any such well or wells and, unless this Lease is being maintained by any other preservation provision hereof, this Lease shall

terminate automatically at midnight on the last day provided for the payment of such shut-in royalties, and Lessee shall thereupon furnish to Lessor a release of all of its interest in and to this Lease as provided in Section 17.

10. **Pooling.** Lessee does not have the right and power to pool or combine the acreage covered by this Lease or any portion thereof as to oil and gas, or either of them, with any other land or leases.

11. **Assignability.** The rights of either party hereunder may be assigned in whole or in part and the provisions hereof shall extend to the heirs, executors, administrators, successors and assigns of the parties hereto.

12. **Proration Unit.** The term "proration unit" where used in this Lease, shall mean i) forty (40) acres plus a tolerance of ten percent (10%) surrounding each well classified as an oil well by the appropriate governmental authority; and ii) one hundred sixty (160) acres plus a tolerance of ten percent (10%) surrounding each well classified as a gas well by the appropriate governmental authority.

13. **Water.** To the extent Lessor owns any water rights, Lessee shall have the free use of water from the leased premises, for all operations solely on the leased premises. Lessee shall comply with all applicable rules in disposition (by reinjection or otherwise) of salt water, brine or other fluids utilized in or resulting from operations, and shall not cause or permit any such substances to damage or pollute the surface of the leased premises or any fresh water sands lying thereunder.

14. **Limitation to Oil and Gas.** This Lease is intended to cover only oil and gas producible by conventional oil and gas industry accepted means (ie. the drilling and producing of vertical and/or horizontal wellbores.) Lessor expressly reserves and retains herefrom all gilsonite, trona, oil shale reserved by a prior owner and all other minerals (except oil and gas) which may underlie all or part of the leased premises. The term "oil shale" is defined as a mineable, kerogen-bearing, finely laminated brown or black sedimentary rock that will yield liquid or gaseous hydrocarbons on distillation.

15. **Notifications Required.** Lessee shall advise Lessor in writing of the location of each well to be drilled upon the leased premises after commencement of operations, and shall advise Lessor in writing the date of completion and/or abandonment of each well drilled on the leased premises (such notice shall include furnishing Lessor a copy of the applicable completion or plugging report filed with any governmental or regulatory agency) within thirty (30) days after completion or abandonment. As to any well drilled under the provisions of this Lease, Lessor, or Lessor's representatives, or any one or more of the same, shall have access to such well and upon request shall be furnished with copies of daily drilling reports. Such reports and information shall be furnished within seven (7) days after the same are obtained or compiled by Lessee. In addition, Lessee shall upon written request furnish Lessor within thirty (30) days from the date of the request or thirty (30) days from the date that the data is received by Lessee:

A. Plats or maps showing the location of the well on this Lease.

B. The details of any tests taken in said well, and the results of any core analysis or analyses which shall be run on any cores taken while drilling said well.

C. Upon commencement of any drilling or reworking operations on this Lease with copies of all reports filed with the appropriate governmental authority or other governmental agency having jurisdiction in connection with such operation.

D. Upon completion of any drilling or reworking operations on this Lease with copies of all logs run in such well and copies of core or other type of formation analysis subject to a confidentiality obligation on Lessor's part if filed as confidential with the appropriate governmental authority.

E. A summary report, to be made annually on the anniversary date of this Lease and commencing upon the expiration of the primary term of this Lease, to include (1) on the reporting date the number of producing wells and the number of wells not producing but not plugged; (2) the number of wells that were plugged during the previous twelve (12) months, and (3) a map denoting the location of each of these wells on the leased premises.

F. It is understood and agreed that all information provided Lessor herein is proprietary and is to be held in confidence.

16. **Force Majeure.** Lessee shall not be liable for delays or defaults in its performance of any agreement or covenant hereunder due to force majeure. The term "force majeure" shall mean: Any act of God including but not limited to storms, floods, washouts, landslides, and lightning; act of the public enemy; wars, blockades, insurrection or riots; strikes or lockouts; epidemics or quarantine regulations; laws, acts, orders or requests of Federal, State, Municipal or other governments or governmental officers or agents under the color of authority requiring, ordering or directing Lessee to cease drilling, reworking or producing operations; freight embargoes or failures; exhaustion or unavailability or delays in delivery of any product, labor, service or material. The term "force majeure" shall not include lack of markets for production or any other events affecting only the economic or financial aspects of drilling, development or production. For a period of sixty (60) days after termination of an event of force majeure, each and every provision of this Lease that might operate to terminate it or the estate conveyed by it shall be suspended and inoperative and this Lease shall continue in full force, provided, however, that in no event will the primary term be extended unless Lessee has begun the actual drilling of a well prior to the date of the expiration of the primary term.

17. **Releases Required.** Within ninety (90) days after the partial termination of this Lease as provided under any of the terms and provisions of this Lease, Lessee shall deliver to Lessor a plat showing the proration units designated by Lessee, and a fully executed, recordable release properly describing the lands and depths to be retained by Lessee around each producing well. If the lease terminates in its entirety, then Lessee shall deliver a complete, fully executed, recordable release to Lessor within thirty (30) days. If such release complies with the requirements of this section, Lessor shall record such release.

18. **Indemnification.** Lessee, its successors and assigns, agrees to indemnify, defend and hold harmless the parties herein designated Lessor, and each of them, from and against any and all claims, losses, liabilities, fines, costs, expenses (including attorneys fees and expenses) resulting from or arising out of Lessee's ownership of this Lease or in connection with operations of or for Lessee, its agents, contractors, or subcontractors hereunder, regardless of the cause of such claims, losses, liabilities, fines, costs or expenses. This provisions and its indemnities shall survive the termination of this Lease and shall bind and inure to the successors, heirs and assigns of Lessor and Lessee.

19. **No Warranties of Title.** This Lease is made without warranties of any kind, either express or implied. Lessor agrees that Lessee, at its option, after having given Lessor sixty (60) days' written notice, may discharge any tax, mortgage or other lien upon Lessor's interest in said land, either in whole or in part, and in the event lessee does so, it shall be subrogated to such lien with right to enforce same, subject to any defenses of Lessor, and apply royalties accruing hereunder toward satisfying same.

20. **Proportionate Reduction for less than Entire Interest.** It is agreed that if Lessor's interest in the oil and gas minerals in and under any of the leased premises is less than the entire oil and gas mineral estate, then the royalties and all other benefits to accrue or to be paid to Lessor hereunder as to such lands shall be reduced to the proportion thereof which the oil and gas mineral estate of Lessor in such land bears to the entire oil and gas mineral estate. However, Lessor's royalties herein shall not be reduced with respect to the 3% of 8/8ths non-participating royalty interest presently burdening the leased premises.

21. **Compliance with Environmental Laws and Regulations.** Lessee, its successors and assigns, by its acceptance of this Lease, hereby agrees to comply with all applicable laws, rules and regulations and hereby assumes full responsibility for, and agrees to indemnify, defend and hold harmless, Lessor from and against any loss, liability, claim, fine, expense cost (including attorneys fees and expenses) and cause of action caused by or arising out of the violation (or defense of the alleged violation) of any federal, state or local laws, rules or regulations applicable to any waste material, drilling matter fluid or any hazardous substances released or caused to be released by Lessee or Lessee's agents, or independent contractors from the land leased hereunder into the atmosphere or into or upon the land or any water course or body of water, including ground water.

22. **Alteration/Modification.** The terms of this Lease cannot be altered or amended except by a written instrument clearly demonstrating such purpose and effect, and executed by both parties to this Lease. The written instrument shall describe the specific terms or provisions being altered and the proposed modification or change thereto.

23. **Ancillary Rights.** Lessee shall have the right for a period of one (1) year following the expiration of this Lease or the release of any lands covered by this Lease to remove all property and fixtures placed by Lessee on said land, including the right to draw and remove all casing. If not, Lessor shall have the option to either claim the property, in whole or in part, as its own or having the said properties and fixtures removed, in whole or in part, at Lessee's expense. If the property is opted to be removed, additional expenses for surface damages and restoring the land shall be charged to Lessee, provided, however, lessee shall not be relieved of its liability to plug any well so abandoned.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.

LESSOR: EXOK, INC.

ATTEST:

By: Steven D. Bryant
Steven D. Bryant, President

David A. M...

Address: 6410-B North Santa Fe
Oklahoma City, OK 73116

Tax ID #: 73-1058740

LESSEE: RANKEN ENERGY CORPORATION

ATTEST:

By: Randolph L. Coy
Title: President
Address: 601 N. Kelly, Ste 103
Edmond, OK 73003
Tax ID #: 73-1278733

Deborah L. Coy

CORPORATE ACKNOWLEDGMENT

STATE OF OKLAHOMA)
COUNTY OF OKLAHOMA) §

The foregoing instrument was acknowledged before me on this 30th day of March, 1999, by Steven D. Bryant, to me known to be the identical person who subscribed his name as President of EXOK, INC., and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

My Commission Expires: 5/9/2000

Marilyn L. Donnell
Marilyn L. Donnell, Notary Public

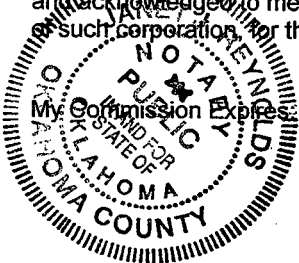
CORPORATE ACKNOWLEDGMENT

STATE OF OKLAHOMA)
COUNTY OF OKLAHOMA) §

The foregoing instrument was acknowledged before me on this 29th day of March, 1999, by Randolph L. Coy, to me known to be the identical person who subscribed his name as President of RANKEN ENERGY CORPORATION and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

My Commission Expires: 7/12/02

Janet J. Reynolds
Notary Public, Janet J. Reynolds





JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 30, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 5834

Mr. Alvin Arlian
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, CO 80202

43 047 33345
DWR 12-23-13-22
12S 23E 22

Re: Extended Shut-in and Temporarily Abandoned Requirements for Wells on Fee or State Leases

Dear Mr. Arlian:

Enduring Resources, LLC has eighteen (18) Fee Lease Wells and eleven (11) Mineral Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in and temporary abandonment (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

This is a second notice of non-compliance for wells 1 through 14 listed on Attachment A. The Division notified the previous operators, TCC Royalty, Ranken Energy, Mak-J Energy and Houston Exploration, on several occasions by certified mail about these wells non-compliance issues. Several plans to produce or plug were submitted, but no action has been taken to date on these wells. It has also come to the Divisions attention that Enduring no longer holds a valid lease for the DWR wells (wells 1 through 9 on Attachment A). Immediate action is required on these wells. The Division feels that sufficient time has passed to make a decision on these wells.

Please submit your plans to produce or plug these wells. If this is not addressed within 30 days, a Notice of Violation will be issued for these wells. A similar response is required for the other fifteen wells listed in Attachment A.



Page 2
Mr. Arlian
July 30, 2008

For extended SI/TA consideration the operator shall provide the Division with the following:

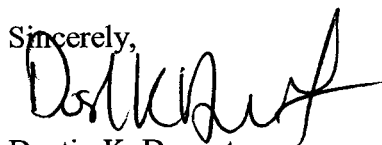
1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3)

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

JP:js
Enclosure

cc: Compliance File
Well File
Jim Davis, SITLA

Attachment A

	Well Name	API	Lease Type	Years Inactive
1	DWR 12-23-13-22	4304733345	FEE	7 YEARS 6 MONTHS
2	DWR 12-23-34-16	4304733346	FEE	7 YEARS 3 MONTHS
3	DWR 12-23-41-21	4304733480	FEE	8 YEARS 1 MONTH
4	DWR 12-23-13-28	4304733481	FEE	7 YEARS 8 MONTHS
5	DWR 12-23-24-16	4304733482	FEE	8 YEARS 1 MONTH
6	DWR 12-23-24-28	4304733483	FEE	7 YEARS 8 MONTHS
7	DWR 12-23-31-21	4304733484	FEE	8 YEARS 2 MONTHS
8	DWR 12-23-42-29	4304733487	FEE	7 YEARS 11 MONTHS
9	DWR 12-23-44-16	4304733489	FEE	7 YEARS 8 MONTHS
10	QUEST 11-25-13-21	4304733935	FEE	4 YEARS 6 MONTHS
11	QUEST 11-25-24-10	4304734118	FEE	7 YEARS 0 MONTHS
12	QUEST 11-25-31-28	4304735310	FEE	4 YEARS 4 MONTHS
13	QUEST 11-25-34-21	4304735297	FEE	4 YEARS 4 MONTHS
14	QUEST 11-25-11-27	4304735298	FEE	4 YEARS 5 MONTHS
15	QUEST 11-25-14-22	4304735299	FEE	2 YEARS 9 MONTHS
16	HOSS 9-25-34-20	4304734756	ML-45558	2 YEARS 7 MONTHS
17	BONANZA 9-24-22-36	4304735860	ML-46527	2 YEARS 6 MONTHS
18	BONANZA 9-24-11-36	4304735861	ML-46527	1 YEAR 5 MONTHS
19	BONANZA 9-25-13-20	4304735929	ML-45558	2 YEARS 11 MONTHS
20	RAINBOW 11-24-31-16	4304736184	ML-47080	1 YEAR 1 MONTH
21	SOUTHAM CYN 10-25-21-32	4304736421	ML 47065	1 YEAR 10 MONTHS
22	AGENCY DRAW 12-21-31-36	4304736424	ML 47086	2 YEARS 1 MONTH
23	BONANZA 9-24-32-22	4304736753	FEE	2 YEARS 6 MONTHS
24	ARCHY BENCH 12-23-22-16	4304736800	ML-48957	2 YEARS 0 MONTHS
25	ARCHY BENCH 11-24-24-32	4304736819	ML-49762	1 YEAR 4 MONTHS
26	ASPHALT WASH 11-24-42-16	4304736875	ML47080	2 YEARS 2 MONTHS
27	SOUTHAM CYN 9-24-23-36	4304736880	FEE	1 YEARS 1 MONTH
28	SOUTHAM CYN 10-25-11-6	4304736933	FEE	1 YEAR 3 MONTHS
29	BUCK CYN 12-21-43-16	4304737091	ML-47085	2 YEARS 9 MONTHS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 350-5719		8. WELL NAME and NUMBER: DWR 12-23-13-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400' FSL - 383' FWL		9. API NUMBER: 4304733345
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E S		10. FIELD AND POOL, OR WILDCAT: Oil Springs
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Status Report.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well had 438 psig SITP in August 2008.

Enduring is requesting a 30 day extension to finish up an evaluation of the Wasatch potential in this well bore.

COPY SENT TO OPERATOR

Date: 1.28.2009

Initials: KS

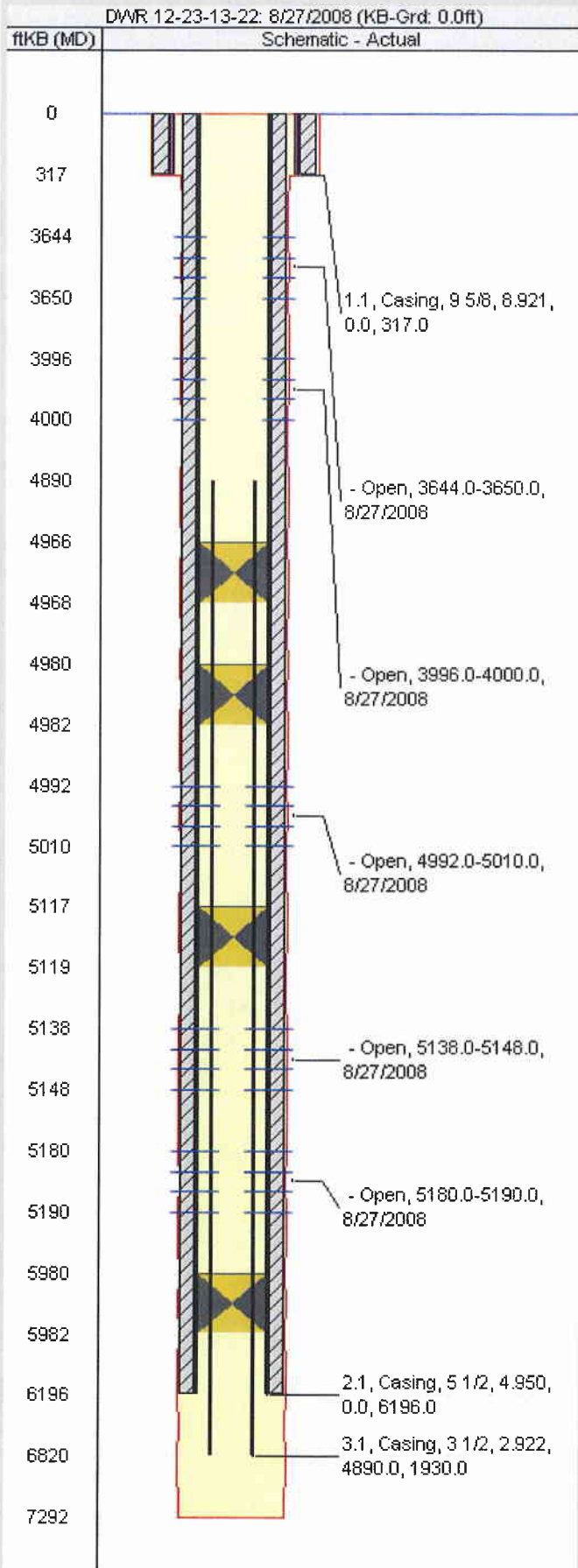
NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/29/2008</u>

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1/27/09
BY: [Signature]
(See Instructions on Reverse Side)

RECEIVED
SEP 04 2008

DIV. OF OIL, GAS & MINING



WellName										WellUserID	
DWR 12-23-13-22										UT0807.01	
APICode							County				
430473334500							UINTAH, UT				
Sec	Twn	Rge	Qtr1	Qtr2	Qtr3	XLoc	YLoc	Latitude	Longitude		
22	12S	23E	NW	SW							
Feet From			Line			Feet From			Line		
Engineer			Technician			Pumper					
SpudDate			Comp Date		KB Height	TD Drill Dept	TD Log Dept	TVD			
					0	0	0	0			

Casing

Date In	Casing Type	Hole Dia	Size	Wt	Grade	Depth	Jts	Ft
8/23/2000	3. Surface	12.250	9.625	36.00	J-55	317.00	0.00	0.00
9/1/2000	. Production	7.785	5.500	15.50	J-55	6196.00	0.00	0.00
10/31/2001	6. Liner	4.750	3.500	10.20	J-55	6820.00	0.00	0.00

Tubing

Sucker Rods

Formations

Perforations

Upper	Lower	Formation	Date	Status	Gun Sz	Shot/Ft	Phasg
3644	3650		8/27/2008	Open		0	
3996	4000		8/27/2008	Open		0	
4992	5010		8/27/2008	Open		0	
5138	5148		8/27/2008	Open		0	
5180	5190		8/27/2008	Open		0	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS


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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 350-5719		8. WELL NAME and NUMBER: DWR 12-23-13-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400' FSL - 383' FWL		9. API NUMBER: 4304733345
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E S		10. FIELD AND POOL, OR WILDCAT: Oil Springs
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/2/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

DUE TO DWR DEC. 1 WILDLIFE RESTRICTION WELL HAS BEEN SHUT-IN FOR WINTER.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>12/2/2008</u>

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3. ADDRESS OF OPERATOR:
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 350-5719

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2400' FSL - 383' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

8. WELL NAME and NUMBER:

DWR 12-23-13-22

9. API NUMBER:

4304733345

10. FIELD AND POOL, OR WILDCAT:

Oil Springs

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<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/2/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Due to Division of Wildlife; Dec-1 to Apr-1, restriction, well is shut-in for winter.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE 1/2/2009

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

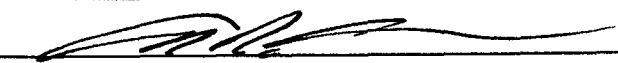
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PHONE NUMBER: (303) 350-5719		8. WELL NAME and NUMBER: DWR 12-23-13-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400' FSL - 383' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E S		9. API NUMBER: 4304733345
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Oil Springs
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/30/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Due to Division of Wildlife; Dec-1 to Apr-1, restriction, well is shut-in for winter.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>1/30/2009</u>

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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: DWR 12-23-13-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400' FSL - 383' FWL		9. API NUMBER: 4304733345
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 22 12S 23E S		10. FIELD AND POOL, OR WILDCAT: Oil Springs
COUNTY: Uintah		STATE: UTAH

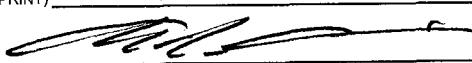
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	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/1/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Monthly Well Status Report.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MONTHLY WELL STATUS REPORT:

This well shall continue to be shut-in for the month of April, 2009.

- Enduring is preparing an "Action Plan" for this and other shut-in wells.
- By May 1, 2009, the Action Plan is to be submitted for the approval of the DOG&M.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>3/30/2009</u>

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APR 02 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
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PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: OIL SPRINGS
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/29/2009	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: Monthly Status Report	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well is shut-in. The Utah DWR is going to take this well over for a wildlife water source well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 01, 2009		
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 5/29/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: DWR 12-23-13-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400 FSL 0383 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 22 Township: 12.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047333450000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: OIL SPRINGS
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/30/2009	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: Monthly Status Report	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Well Shut-in. We is being transferred to the DWR to be used as a wildlife water source well, after being partially plugged back.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 30, 2009		
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 6/30/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
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2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: DWR 12-23-13-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400 FSL 0383 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 22 Township: 12.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047333450000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: OIL SPRINGS
COUNTY: UTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

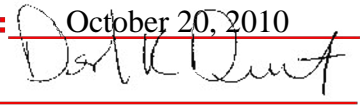
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 Attached is a proposed plugging procedure for this well. 1. Seeding and surface restoration are subject to a DWR right-a-way agreement, and 2. Surface access timing is also limited to the terms of a DWR right-a-way agreement.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: October 20, 2010

By: 

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A		DATE 10/13/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047333450000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations.
Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #2: A 350' plug (± 40 sx) shall be balanced from $\pm 3650'$ to 3300'. This will isolate the squeezed Mesaverde perms as required by rule R649-3-24-3.2 and the base of the Moderately Saline Groundwater as required by rule R649-3-24-3.3.**
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: October 20, 2010
By: Dustin Doucet

Wellbore Diagram

API Well No: 43-047-33345-00-00 Permit No:

Well Name/No: DWR 12-23-13-22

Company Name: ENDURING RESOURCES, LLC

Location: Sec: 22 T: 12S R: 23E Spot: NWSW

Coordinates: X: 642501 Y: 4402068

Field Name: OIL SPRINGS

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
COND	45	16			
HOL1	317	12.25			
SURF	317	9.625	36	317	
HOL2	6196	7.875			
PROD	6196	5.5	15.5	6196	7.483
TI	6000	2.375			
PKR	5964				

Plug #5

$$90' / (1.15)(7.483) = 115X$$

OK.

Conductor: 16 in. @ 45 ft.

Hole: Unknown

Cement from 317 ft. to surface

Surface: 9.625 in. @ 317 ft.

Hole: 12.25 in. @ 317 ft.

Plug #4

$$205' = 172' \text{ TOC @ } 200'$$

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6196	sim to surf.	PM	1280
SURF	317	0	PM	175

Plug #3

$$(205')(1.15)(7.483) = 172' \text{ TOC @ } 2151'$$

Perforation Information

4992 - 6028'
3996 - 4000'

* Add Plug #2 (3600' to 3300')

$$350' / (1.15)(7.483) = 40 \text{ SK req.}$$

3644 - 50' size 200SK

3996 - 4000' size 75SK

4754' - 4840' size 40SK

Plug #1

$$\text{Below } (205')(1.15)(7.483) = 172' \rightarrow 372' \text{ TOC @ } 4754'$$

$$\text{Above } (105')(1.15)(7.483) = 86' \text{ TOC @ } 4754'$$

Formation Information

Formation	Depth
WSTC	2282
MVRD	3652

Cement from 6196 ft.

Packer: @ 5964 ft.

Tubing: 2.375 in. @ 6000 ft.

Production: 5.5 in. @ 6196 ft.

Hole: 7.875 in. @ 6196 ft.

Hole: Unknown

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10/20/2010
By: a.k.

TD: 6230 TVD: PBTD:

9 5/8" @ 317' TOC at Surface
5 1/2" 15.5# @ 6,196' with a DV tool @ 2,994' cement to surface
PBSD: 3 1/2" Liner hanger at 4,890'

Whipstock set at 4,958', and Liner top at 4,890'

Prior to MI check deadmen and blow down the well
MIRU, NDWH, NUBOP

Unseat packer, POH and check tubing
TIH to 4,840' – note Liner top at 4,890'

POH

TIH with CICR and set at 4,840'

Squeeze 20 sacks below and 10 on top

Pressure test casing, if test fails call for orders

POH to 2,323' and spot 20 sacks (100') plug across Wasatch/Green River
interface

Roll hole with produced water and corrosion inhibitor

POH to 370' and spot 20 sacks (100' plug)

POH, leave 3 joints in the hole

Circulate cement to surface, POH

Cut off wellhead

Top off cement in long string and annulus with 1" tubing if necessary on

Weld Plate

RDMO

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: DWR 12-23-13-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400 FSL 0383 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 22 Township: 12.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047333450000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: OIL SPRINGS
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/10/2010			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 See plugging summary attached. Reseeding will be completed when approved by the UDWR and DOG&M. Reseeding will not be completed this year because this well pad is located in a "winter range" area.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 12/14/2010	

DWR 12-23-13-22
Plugging Summary Report

12-7-2010

Test Anchors with Benco. Pre job safety meeting. MIRU Western. Wellhead frozen, could not open tbg or csg valves. SDFN.

12-8-2010

Pre job safety meeting. Thaw WH. Blow down tbg and csg. ND WH NU BOPE. Release packer @4876. TOO H w/tbg to 3900'. Well came in on tbg side and would not die. SWIFN. Will have weighted water tomorrow AM.

12-9-2010

Pre job safety meeting. Blow down well. Roll hole with 80 bbls 10# brine with corrosion inhibitor. TOO H w/tbg and packer. TIH with 5.5" CICR and set @4835'. Establish rate into perms. Test tbg to 600 psi. Csg would not test. Mix and pump 30 sks Class G cement, 20 sks under and 10 sks on top of CICR. POOH LD 36 jts tbg to 3675'. Mix and pump 50 sks Class G balanced cement plug. POOH SB tbg. WOC SWIFN.

12-10-2010

Pre job safety meeting. TIH and tag TOC @3035'. Pressure test csg to 600 psi. Held. TOO H to 2332' Mix and pump 20 sks Class G balanced cement plug. TOO H LD tbg to 383 . Mix and pump 55 sks Class G cement to surface. TOO H. ND BOPE. RD rig. Dig out WH. Cut off WH. Top off csg stings with 5 sks Class G cement. Weld on Information Plate. Backfill.

All plugs witnessed by Mr. Dave Hackford-DOGM

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: DWR 12-23-13-22
2. NAME OF OPERATOR: Enduring Resources, LLC		9. API NUMBER: 43047333450000
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: OIL SPRINGS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400 FSL 0383 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 22 Township: 12.0S Range: 23.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/14/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Reseed location as per DWR requirements with following seed mix: 20.3# Fourwing Saltbush, 18.7# Russian Wildrye, 12.4# Siberian Wheatgrass, 12.3# Crested Wheatgrass, 12.2# Western Wheatgrass, 6.2# Indian Ricegrass, 3.5# Wyoming Big Sagebrush, 1# Shadscale Saltbush. Final reclamation complete. Final report.		
Accepted by the Utah Division of Oil, Gas and Mining Date: <u>10/26/2011</u> By:		
NAME (PLEASE PRINT) Alvin Arlian		PHONE NUMBER 303 350-5114
SIGNATURE N/A		TITLE Landman-Regulatory
		DATE 10/21/2011



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047333450000

DOGM will conduct an inspection at assure that reclamation is complete.